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PMC EXAMS

Attempted Questions 1/200

Skipped Questions 0/200

Unattempted Questions 199/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 29 : 45

Question 1 of 200

Human immunodeficiency virus attack which of the following cells for its multiplication?

a) Neutrophils

b) Macrophages

c) Cytotoxic T cells

d) Helper T cells

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PMC EXAMS

Attempted Questions	2/200	Skipped Questions	0/200
Unattempted Questions	198/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 29 : 17

Question 3 of 200

Viruses usually are limited to specific hosts because:

a) They contain either DNA or RNA

b) They contain protein

c) They are specific to cell receptors

d) They are capable to divide with in the host body

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PMC EXAMS

Attempted Questions	3/200	Skipped Questions	0/200
Unattempted Questions	197/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 28 : 42

Question 4 of 200

Which of the following is a typical symptom of AIDS?

a) Sudden weight loss

b) Active immune function

c) Vision impairment

d) Kaposi's Sarcoma, A rare form of skin cancer

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PMC EXAMS

Attempted Questions	4/200	Skipped Questions	0/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 28 : 27

Question 5 of 200

Carbon dioxide enters the leaf through:

a) Chloroplasts

b) Mesophyll

c) Thylakoids

d) Stomata

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PMC EXAMS

Attempted Questions	5/200	Skipped Questions	0/200
Unattempted Questions	195/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 28 : 08

Question 6 of 200

End products of aerobic respiration are :

a) Sugar and oxygen

b) Water and energy

c) Carbon dioxide, water and energy

d) Carbon dioxide and energy

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PMC EXAMS

Attempted Questions 6/200

Skipped Questions 0/200

Unattempted Questions 194/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 27 : 20

Question 7 of 200

Which of the following is respiratory fuel?

a) Sucrose

b) Glucose

c) Galactose

d) Mannose

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PMC EXAMS

Attempted Questions	8/200	Skipped Questions	0/200
Unattempted Questions	192/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 26 : 52

Question 9 of 200

Which one of the following is a polymer of alpha-d glucose

a) cellulose

b) glycogen

c) insulin

d) chitin

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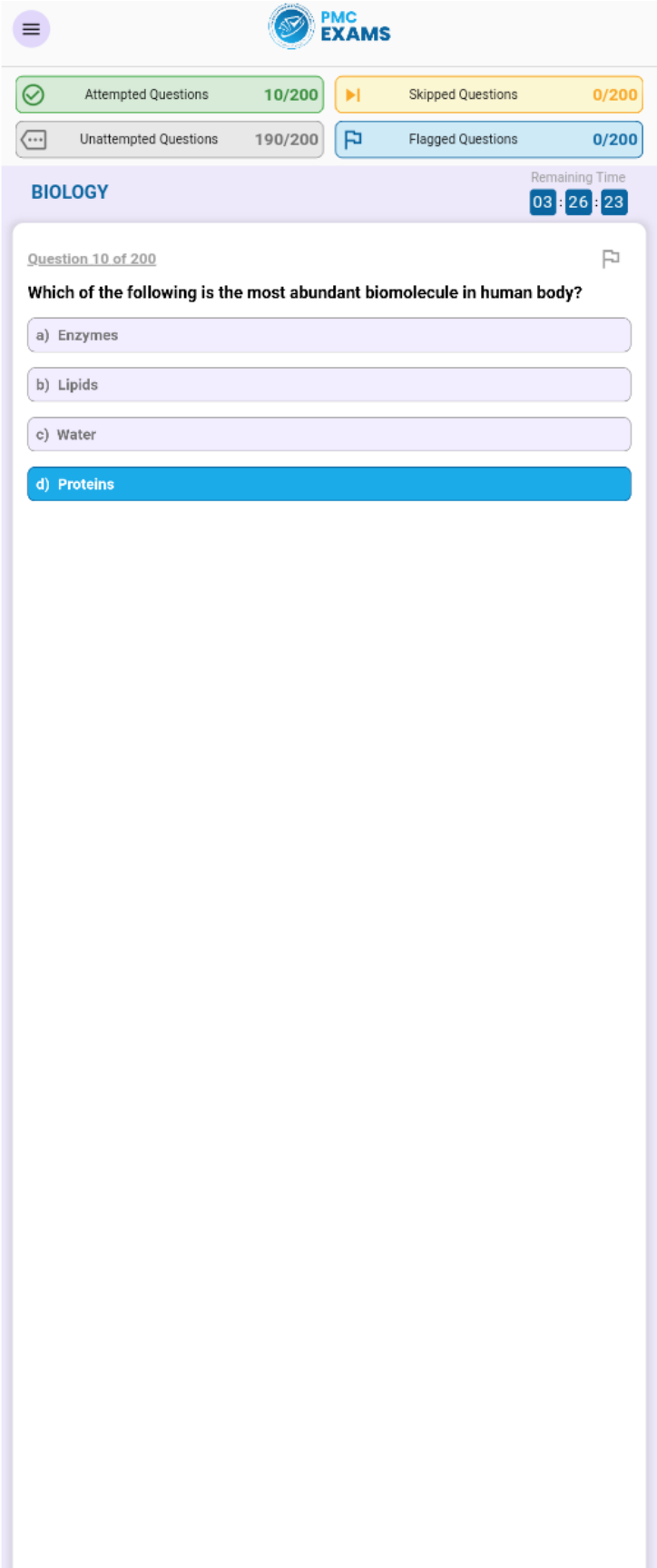

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PMC EXAMS

Attempted Questions 11/200

Skipped Questions 0/200

Unattempted Questions 189/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 25 : 57

Question 168 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

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PMC EXAMS

Attempted Questions 11/200

Skipped Questions 0/200

Unattempted Questions 189/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 25 : 40

Question 169 of 200

A new C-C bond formation is possible with:

a) Clemmenson reaction

b) Nitration reaction

c) Friedel Craft reaction

d) Saturation reaction

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PMC EXAMS

Attempted Questions 13/200

Skipped Questions 0/200

Unattempted Questions 187/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 25 : 21

Question 170 of 200

Acetals are:

a) Diethers

b) Aldehydes

c) Carboxylic acid

d) Ketones

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PMC EXAMS

Attempted Questions 13/200

Skipped Questions 0/200

Unattempted Questions 187/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 24 : 19

Question 171 of 200

When two moles of acetone are treated with a base the product is?

a) 3-hydroxy-2- methyl pentanone

b) 4-hydroxy-4 methyl -2- pentanone

c) 3- hydroxy butanone

d) 3-hydroxyl pentanal

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 0/200

Unattempted Questions 186/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 20 : 56

Question 172 of 200

Carboxylic acids are obtained from fats and oils by:

a) Oxidation

b) Reduction

c) Decarboxylation

d) Hydrolysis

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PMC EXAMS

Attempted Questions 16/200

Skipped Questions 0/200

Unattempted Questions 184/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 19 : 59

Question 173 of 200

Which one of the following carboxylic acid has an unpleasant smell?

a) Propionic acid

b) Formic acid

c) Butyric acid

d) Acetic acid

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PMC EXAMS

Attempted Questions 16/200

Skipped Questions 0/200

Unattempted Questions 184/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 19 : 53

Question 174 of 200

Which of the following is not an IUPAC name of the compound.

a) Methanoic acid

b) Ethanoic acid

c) propanoic acid

d) Propionic acid

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PMC EXAMS

Attempted Questions	17/200	Skipped Questions	0/200
Unattempted Questions	183/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 19 : 27

Question 175 of 200

In structure of diamond each carbon atom is____ hybridized?

a) sp^3

b) sp^2

c) sp

d) dsp^2

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PMC EXAMS

Attempted Questions 18/200

Skipped Questions 0/200

Unattempted Questions 182/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 19 : 20

Question 176 of 200

Position of atoms in molecular crystals can be determined by:

a) X-rays analysis

b) Spectroscopic analysis

c) Spectrometric analysis

d) combustion analysis

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PMC EXAMS

Attempted Questions 19/200

Skipped Questions 0/200

Unattempted Questions 181/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 18 : 59

Question 177 of 200

Take your warm jacket with you _____ it gets breezy.

a) although

b) in case

c) rather

d) until

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PMC EXAMS

Attempted Questions 21/200

Skipped Questions 0/200

Unattempted Questions 179/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 18 : 45

Question 178 of 200

You have to make sure the knife is _____ before you cut the vegetables.

a) flat

b) sharp

c) sliced

d) thick

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PMC EXAMS

Attempted Questions 21/200

Skipped Questions 0/200

Unattempted Questions 179/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 18 : 39

Question 179 of 200

I like this shirt a lot but the _____ are too short.

a) buttons

b) heels

c) collars

d) sleeves

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PMC EXAMS

Attempted Questions 23/200

Skipped Questions 0/200

Unattempted Questions 177/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 18 : 10

Question 180 of 200

There will be a rush for the seats when the train _____.

a) will arrive

b) arrived

c) is arriving

d) arrives

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PMC EXAMS

Attempted Questions 24/200

Skipped Questions 0/200

Unattempted Questions 176/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 17 : 46

Question 181 of 200

Which one is not a past tense?

a) She finished all the exercices.

b) Dr Smith healed the patient.

c) Michael studied hard all year.

d) He will have eaten lunch

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PMC EXAMS

Attempted Questions 24/200

Skipped Questions 0/200

Unattempted Questions 176/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 17 : 37

Question 182 of 200

Choose the future tense.

a) He went to school yesterday

b) He loves apples.

c) I will go to market.

d) He is fighting with John.

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PMC EXAMS

Attempted Questions 26/200

Skipped Questions 0/200

Unattempted Questions 174/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 17 : 22

Question 183 of 200

The man _____ wallet was stolen, called the police.

a) who

b) whose

c) whom

d) which

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PMC EXAMS

Attempted Questions 27/200

Skipped Questions 0/200

Unattempted Questions 173/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 17 : 06

Question 184 of 200

The market is nearer to them than_____.

a) we

b) ourself

c) us

d) ourselves

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PMC EXAMS

Attempted Questions	28/200	Skipped Questions	0/200
Unattempted Questions	172/200	Flagged Questions	0/200

ENGLISH

Remaining Time 03 : 16 : 16

Question 185 of 200

Find the correctly spelt word

a) Sovereign

b) Soveregn

c) Soverean

d) Soverein

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PMC EXAMS

Attempted Questions	28/200	Skipped Questions	0/200
Unattempted Questions	172/200	Flagged Questions	0/200

ENGLISH

Remaining Time 03 : 15 : 54

Question 186 of 200

He made _____ a story when he was late for the first class, but the teacher didn't believe him.

a) on

b) up

c) off

d) under

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PMC EXAMS

Attempted Questions	30/200	Skipped Questions	0/200
Unattempted Questions	170/200	Flagged Questions	0/200

ENGLISH

Remaining Time 03 : 15 : 41

Question 187 of 200

The plane will stay on the runway _____ five minutes.

a) for

b) in

c) below

d) on

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PMC EXAMS

Attempted Questions	31/200	Skipped Questions	0/200
Unattempted Questions	169/200	Flagged Questions	0/200

ENGLISH

Remaining Time 03 : 15 : 08

Question 188 of 200

The plane wasn't allowed to take_____ because of bad weather conditions.

a) on

b) up

c) off

d) to

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PMC EXAMS

Attempted Questions 31/200

Skipped Questions 0/200

Unattempted Questions 169/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 14 : 55

Question 189 of 200

Choose the correct spelling of the word.

a) Annehilate

b) Anihilate

c) Annihilate

d) Anehilate

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PMC EXAMS

Attempted Questions 32/200

Skipped Questions 0/200

Unattempted Questions 168/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 14 : 41

Question 190 of 200

Choose the correct spelling of the word.

a) Ignomeny

b) Ignominy

c) Ignomminy

d) Ignomny

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PMC EXAMS

Attempted Questions 33/200

Skipped Questions 0/200

Unattempted Questions 167/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 14 : 30

Question 191 of 200

Choose the correct spelling of the word.

a) Exhebition

b) Exhibition

c) Exhabation

d) Exehation

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PMC EXAMS

Attempted Questions 34/200

Skipped Questions 0/200

Unattempted Questions 166/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 14 : 20

Question 192 of 200

Which one is correct?

a) I'm just passing away, Ali. Thought I might run into Ahmed here.

b) I'm just passing through, Ali. Thought I might run into Ahmed here.

c) I'm just passing on, Ali. Thought I might run into Ahmed here.

d) I'm just passing along, Ali. Thought I might run into Ahmed here.

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PMC EXAMS

Attempted Questions 35/200

Skipped Questions 0/200

Unattempted Questions 165/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 13 : 54

Question 192 of 200

Which one is correct?

a) I'm just passing away, Ali. Thought I might run into Ahmed here.

b) I'm just passing through, Ali. Thought I might run into Ahmed here.

c) I'm just passing on, Ali. Thought I might run into Ahmed here.

d) I'm just passing along, Ali. Thought I might run into Ahmed here.

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PMC EXAMS

Attempted Questions	35/200	Skipped Questions	0/200
Unattempted Questions	165/200	Flagged Questions	0/200

ENGLISH

Remaining Time 03 : 13 : 47

Question 193 of 200

Which one is correct?

a) She bent down enough permit him to stoop and pick up her purse.

b) She bent down enough to permit him to stoop and pick up her purse.

c) She bent up enough to permit him to stoop and pick up her purse.

d) She bent down enough to permit him to stop and pick up her purse.

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PMC EXAMS

Attempted Questions 37/200

Skipped Questions 0/200

Unattempted Questions 163/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 11 : 53

Question 194 of 200

Which one is correct?

a) Speak up! I can't hear you because your dog is making too much noise.

b) Speak up! I can't hear you because your dog is making much too noise.

c) Speak up! I can't hear you because your dog is making much more too noise.

d) Speak up! I can't hear you because your dog is making much enough noise.

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PMC EXAMS

Attempted Questions 37/200

Skipped Questions 0/200

Unattempted Questions 163/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 03 : 11 : 20

Question 195 of 200

Statement (A) The Government has imported large quantities of sugar as per trade agreements with other countries. Statement (B) The prices of sugar in the domestic market have fallen sharply in recent months.

a) Statement A is the cause and statement B is its effect.

b) Statement B is the cause and Statement A is its effect

c) Both statements are independent causes.

d) Both statements are effects of independent causes.

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PMC EXAMS

Attempted Questions	38/200	Skipped Questions	0/200
Unattempted Questions	162/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 03 : 11 : 06

Question 196 of 200

Statement : A large number of people have become critically ill after consuming spurious liquor from a local shop.
Courses of Action : I. The Government should immediately close down all the shops selling liquor till the stocks are tested for the presence of toxicity. II. The owner of the liquor shop should be asked to leave the town and open a shop elsewhere. III. The owner of the liquor shop should immediately be arrested and tried for criminal negligence.

a) Only I follows

b) Only II follows

c) Only III follows

d) Only I and III follow

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PMC EXAMS

Attempted Questions	40/200	Skipped Questions	0/200
Unattempted Questions	160/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 03 : 10 : 14

Question 197 of 200

To approach this question, use a sentence: "A champion could not exist without _____." Find the word that fits in.

a) Running

b) Swimming

c) Courage

d) Speaking

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PMC EXAMS

Attempted Questions 40/200

Skipped Questions 0/200

Unattempted Questions 160/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 03 : 10 : 06

Question 198 of 200

Pick the word which is always associated with: Electrical Energy.

a) Light

b) Cars

c) Power

d) Water

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PMC EXAMS

Attempted Questions 41/200

Skipped Questions 0/200

Unattempted Questions 159/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 03 : 09 : 39

Question 199 of 200

Which of the following expressions may not be true if the following expressions are true?
(a) Z ≥ Y
(b) Y = W
(c) W ≤ X

a) W ≤ Z

b) X ≥ Z

c) Y ≤ X

d) Z = Y

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PMC EXAMS

Attempted Questions	42/200	Skipped Questions	0/200
Unattempted Questions	158/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 03 : 07 : 00

Question 200 of 200

Asiya goes 30 km towards North from a fixed point, then after turning to her right she goes another 15 km. Then she takes another right and goes 30km. How far and in what direction is she from her starting point?

a) 10 km east

b) 15 km east

c) 20 km east

d) 25 km east

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PMC EXAMS

Attempted Questions 44/200

Skipped Questions 0/200

Unattempted Questions 156/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 30

Question 71 of 200

Newton's third law can be derived from:

a) First law

b) Second law

c) Gravitational law

d) First and second laws both

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PMC EXAMS

Attempted Questions 44/200

Skipped Questions 0/200

Unattempted Questions 156/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 21

Question 72 of 200

The horse pulling the wagon is able to move forward because of:

a) The force exerted by the horse on the ground

b) The force exerted by the ground on the horse

c) The force exerted by the wagon on the horse

d) The force exerted by the horse on the wagon

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PMC EXAMS

Attempted Questions 45/200

Skipped Questions 0/200

Unattempted Questions 155/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 54

Question 73 of 200

While moving a boat forward we have to:

a) Push water forwards

b) Push water backwards

c) Keeps the water steady

d) Keeps the water undisturbed

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PMC EXAMS

Attempted Questions 47/200

Skipped Questions 0/200

Unattempted Questions 153/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 30

Question 74 of 200

Conservation of momentum is always applicable in a:

a) Open system

b) Closed system

c) Isolated system

d) Any system

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PMC EXAMS

Attempted Questions 48/200

Skipped Questions 0/200

Unattempted Questions 152/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 04 : 51

Question 75 of 200

Work done by the spring force in a time interval can not be:

a) Positive

b) Negative

c) Zero

d) Constant

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PMC EXAMS

Attempted Questions	49/200	Skipped Questions	0/200
Unattempted Questions	151/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 03 : 15

Question 76 of 200

If the water falls from a dam on the turbine wheel 19.6 m below, then the velocity of water at turbine is:

a) 9.8 m/s

b) 19.6 m/s

c) 32.8 m/s

d) 98.0 m/s

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PMC EXAMS

Attempted Questions 49/200

Skipped Questions 0/200

Unattempted Questions 151/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 03 : 01

Question 77 of 200

According to mechanical energy conservation:

a) KE remains constant

b) PE remains constant

c) KE + PE = constant

d) Gravitational energy is constant

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PMC EXAMS

Attempted Questions	50/200	Skipped Questions	0/200
Unattempted Questions	150/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 02 : 31

Question 78 of 200

Potential energy of a spring at the equilibrium position is:

a) Zero

b) Infinite

c) Maximum

d) Information insufficient

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PMC EXAMS

Attempted Questions 51/200

Skipped Questions 0/200

Unattempted Questions 149/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 02 : 15

Question 79 of 200

The area of circle is measured with help of:

a) Angular displacement

b) Angular velocity

c) Angular acceleration

d) Time

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PMC EXAMS

Attempted Questions 52/200

Skipped Questions 0/200

Unattempted Questions 148/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 01 : 59

Question 80 of 200

Angular displacement becomes linear for_____ arc lengths:

a) Short

b) Circular

c) Curved

d) Large

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PMC EXAMS

Attempted Questions 54/200

Skipped Questions 0/200

Unattempted Questions 146/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 01 : 45

Question 81 of 200

The direction associated with angular displacement is given by:

a) Left-hand rule

b) Head to tail rule

c) Right-hand rule

d) Fleming's rule

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PMC EXAMS

Attempted Questions	55/200	Skipped Questions	0/200
Unattempted Questions	145/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 00 : 49

Question 82 of 200

An object travelling in a circle at 2 revolutions per second has an angular velocity of:

a) 12.9 rad/s

b) 13.3 rad/s

c) 12.6 rad/s

d) 14.6 rad/s

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PMC EXAMS

Attempted Questions 55/200

Skipped Questions 0/200

Unattempted Questions 145/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 00 : 33

Question 83 of 200

Pitch is _____ proportional to Frequency:

a) Directly

b) Inversely

c) Expoentialy

d) No effect

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PMC EXAMS

Attempted Questions 56/200

Skipped Questions 0/200

Unattempted Questions 144/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 00 : 16

Question 84 of 200

Water waves are:

a) Longitudinal waves

b) Complex waves

c) Transverse waves

d) Both longitudinal and transverse wave

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PMC EXAMS

Attempted Questions 57/200

Skipped Questions 0/200

Unattempted Questions 143/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 00 : 05

Question 85 of 200

The distance between two consecutive nodes of a stationary wave is:

a) λ

b) λ/2

c) λ/4

d) λ/6

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PMC EXAMS

Attempted Questions	58/200	Skipped Questions	0/200
Unattempted Questions	142/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 59 : 50

Question 86 of 200

In frequency modulation, which of the following property of the original signal does not change:

a) Pitch

b) Frequency

c) Wavelength

d) Amplitude

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PMC EXAMS

Attempted Questions	59/200	Skipped Questions	0/200
Unattempted Questions	141/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 56

Question 87 of 200

In amplitude modulation what remains the same:

a) Frequency of the wave

b) Amplitude of the wave

c) Wavelength of the wave

d) Intensity of waves

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PMC EXAMS

Attempted Questions 60/200

Skipped Questions 0/200

Unattempted Questions 140/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 27

Question 88 of 200

Energy emitted in the form of visible radiation is called:

a) Light energy

b) Sound energy

c) Tidal energy

d) Geothermal energy

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PMC EXAMS

Attempted Questions 61/200

Skipped Questions 0/200

Unattempted Questions 139/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 14

Question 89 of 200

Water waves are examples of:

a) Transverse waves

b) Progressive waves

c) Longitudinal waves

d) Comressional waves

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PMC EXAMS

Attempted Questions 62/200

Skipped Questions 0/200

Unattempted Questions 138/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 40

Question 90 of 200

The specific heat of a gas in adiabatic process is:

a) Zero

b) Infinite

c) Negative

d) Remains constant

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PMC EXAMS

Attempted Questions	63/200	Skipped Questions	0/200
Unattempted Questions	137/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 54 : 50

Question 91 of 200

Molar heat capacity at constant pressure is given by:

a) dQ/dV

b) dQ/dT

c) dU/dT

d) dU/dV

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PMC EXAMS

Attempted Questions	64/200	Skipped Questions	0/200
Unattempted Questions	136/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 54 : 32

Question 92 of 200

For a monatomic ideal gas of 3 mole, Cp -Cv is:

a) R/3

b) 3/2 R

c) 2R

d) 3R

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PMC EXAMS

Attempted Questions 65/200

Skipped Questions 0/200

Unattempted Questions 135/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 53 : 46

Question 93 of 200

Change in P.E per unit charge in the electric field is:

a) Electric potential

b) Power

c) K.E

d) Work done

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PMC EXAMS

Attempted Questions	66/200	Skipped Questions	0/200
Unattempted Questions	134/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 53 : 34

Question 94 of 200

Electric Potential which is measured with respect to the zero potential is called:

a) Absolute electric potential

b) Change in K.E

c) Change in potential energy

d) Electric intensity

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PMC EXAMS

Attempted Questions 67/200

Skipped Questions 0/200

Unattempted Questions 133/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 53 : 13

Question 95 of 200

When a charge gets influenced by its surrounding, it has entered:

a) An electric field

b) A gravitational field

c) Thermal field

d) Closed field

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PMC EXAMS

Attempted Questions	68/200	Skipped Questions	0/200
Unattempted Questions	132/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 52 : 56

Question 96 of 200

The flux through a surface will be minimum when angle between E and ΔA is:

a) 90°

b) 60°

c) 30°

d) 0°

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PMC EXAMS

Attempted Questions 69/200

Skipped Questions 0/200

Unattempted Questions 131/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 52 : 37

Question 97 of 200

The force per unit charge is called:

a) Electric Force

b) Electric Flux

c) Electric Potential

d) Electric Intensity

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PMC EXAMS

Attempted Questions 70/200

Skipped Questions 0/200

Unattempted Questions 130/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 52 : 23

Question 98 of 200

The device used to store a charge is called:

a) Electric box

b) Capacitor

c) Inductor

d) Transistor

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PMC EXAMS

Attempted Questions 71/200

Skipped Questions 0/200

Unattempted Questions 129/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 52 : 10

Question 99 of 200

The SI unit of charge is:

a) Newton

b) Coulomb

c) Pascal

d) Ampere

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PMC EXAMS

Attempted Questions 72/200

Skipped Questions 0/200

Unattempted Questions 128/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 52 : 02

Question 100 of 200

Ohm's law is applicable to

a) Semiconductors

b) Vacuum tubes

c) Carbon resistors

d) Conductors

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PMC EXAMS

Attempted Questions 73/200

Skipped Questions 0/200

Unattempted Questions 127/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 51 : 52

Question 101 of 200

In series circuit, current remains?

a) Same

b) Different

c) Variable

d) Zero

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PMC EXAMS

Attempted Questions	74/200	Skipped Questions	0/200
Unattempted Questions	126/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 51 : 41

Question 102 of 200

In parallel voltage remains?

a) Same

b) Different

c) Variable

d) Zero

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PMC EXAMS

Attempted Questions	75/200	Skipped Questions	0/200
Unattempted Questions	125/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 51 : 14

Question 103 of 200

Which of the following statements is true?

a) Power is proportional to voltage only

b) Power is proportional to current only

c) Power is neither proportional to voltage nor to the current

d) Power is proportional to both the voltage and current

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PMC EXAMS

Attempted Questions 77/200

Skipped Questions 0/200

Unattempted Questions 123/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 48 : 38

Question 104 of 200

Calculate the work done in a resistor of 20 ohm carrying 5A of current in 3 hours?

a) 1 kwh

b) 1.5 kwh

c) 2 kwh

d) 3 kwh

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PMC EXAMS

Attempted Questions 77/200

Skipped Questions 0/200

Unattempted Questions 123/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 48 : 28

Question 105 of 200

Basically a potentiometer is a device for:

a) Comparing two voltages

b) Measuring a current

c) Comparing two currents

d) Measuring a voltage

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PMC EXAMS

Attempted Questions 78/200

Skipped Questions 0/200

Unattempted Questions 122/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 48 : 17

Question 106 of 200

The magnetic flux is a ___ quantity:

a) Scalar

b) Vector

c) Vector in some cases

d) Scalar in some cases

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PMC EXAMS

Attempted Questions 79/200

Skipped Questions 0/200

Unattempted Questions 121/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 47 : 19

Question 107 of 200

Tesla is unit of ____ per unit area:

a) Magnetic field lines

b) Electric field lines

c) Optical field lines

d) Gravitational field lines

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PMC EXAMS

Attempted Questions	80/200	Skipped Questions	0/200
Unattempted Questions	120/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 47 : 03

Question 108 of 200

The flow of charges produce:

a) Current only

b) Magnetic field only

c) Electric field only

d) Electric and magnetic field both

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PMC EXAMS

Attempted Questions 81/200

Skipped Questions 0/200

Unattempted Questions 119/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 46 : 33

Question 109 of 200

Power loss in the actual transformer is due to:

a) Back emf

b) Strong magnetic field

c) Eddy currents

d) Weak magnetic field

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PMC EXAMS

Attempted Questions 82/200

Skipped Questions 0/200

Unattempted Questions 118/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 46 : 11

Question 110 of 200

AC generator cannot generate:

a) AC voltage

b) High AC voltage

c) DC voltage

d) Low AC voltage

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PMC EXAMS

Attempted Questions 84/200

Skipped Questions 0/200

Unattempted Questions 116/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 45 : 26

Question 111 of 200

AC generators are similar to:

a) Transformers

b) Inductors

c) Capacitors

d) Motor

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PMC EXAMS

Attempted Questions	84/200	Skipped Questions	0/200
Unattempted Questions	116/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 45 : 16

Question 112 of 200

AC generator consists of ____ poles:

a) 0

b) 1

c) 2

d) 3

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PMC EXAMS

Attempted Questions 85/200

Skipped Questions 0/200

Unattempted Questions 115/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 45 : 00

Question 113 of 200

The emf induced in a circuit according to Faraday's law depends on the

a) Maximum magnetic flux

b) Initial magnetic flux

c) Change in magnetic flux

d) The rate of change of magnetic flux

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PMC EXAMS

Attempted Questions	86/200	Skipped Questions	0/200
Unattempted Questions	114/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 44 : 47

Question 114 of 200

Which of the following rectifier uses wheatstone bridge to rectify signal:

a) Half wave

b) Full wave

c) Bridge

d) Both half and full wave

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PMC EXAMS

Attempted Questions 87/200

Skipped Questions 0/200

Unattempted Questions 113/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 43 : 36

Question 115 of 200

Wave nature and particle nature of photon is linked by:

a) Rest mass of photon

b) Wavelength of photon

c) Light speed

d) Momentum of photon

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PMC EXAMS

Attempted Questions 88/200

Skipped Questions 0/200

Unattempted Questions 112/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 43 : 10

Question 116 of 200

X-ray is the reverse process of:

a) Pair production

b) Compton effect

c) Photoelectric effect

d) Aannihilation

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PMC EXAMS

Attempted Questions 89/200

Skipped Questions 0/200

Unattempted Questions 111/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 42 : 56

Question 117 of 200

Wave particle duality does not describe:

a) Momentum

b) Frequency

c) Mass

d) Energy

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PMC EXAMS

Attempted Questions 90/200

Skipped Questions 0/200

Unattempted Questions 110/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 42 : 22

Question 118 of 200

If the temperature of Sun is doubled, heat energy reached on earth become:

a) Three Times

b) Sixteen Times

c) Four Times

d) Same

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PMC EXAMS

Attempted Questions 91/200

Skipped Questions 0/200

Unattempted Questions 109/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 42 : 08

Question 119 of 200

A body at temperature T radiates heat according to relation:

a) T^-2

b) T^4

c) T^-4

d) T^-3

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PMC EXAMS

Attempted Questions 92/200

Skipped Questions 0/200

Unattempted Questions 108/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 41 : 45

Question 120 of 200

The direct exposure of sun light where ozone layer is depleted will cause:

a) Skin cancer

b) Sugar

c) Corona

d) Sun burn

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PMC EXAMS

Attempted Questions	93/200	Skipped Questions	0/200
Unattempted Questions	107/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 41 : 10

Question 121 of 200

For two down quarks total charge is:

a) -2/3 e

b) -2 e

c) -1 e

d) -1/2 e

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PMC EXAMS

Attempted Questions	94/200	Skipped Questions	0/200
Unattempted Questions	106/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 40 : 56

Question 122 of 200

The word radiation means:

a) To propagate

b) Stay at rest

c) Mass less objects

d) Charged object

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PMC EXAMS

Attempted Questions 96/200

Skipped Questions 0/200

Unattempted Questions 104/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 38 : 06

Question 123 of 200

What is the mass in grams of 1.69 moles of phosphoric acid?

a) 148 g

b) 138 g

c) 157 g

d) 166 g

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PMC EXAMS

Attempted Questions	96/200	Skipped Questions	0/200
Unattempted Questions	104/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 37 : 43

Question 124 of 200

The amount of reactant according to the balanced chemical equation is called as?

a) Theoretical amount

b) Actual amount

c) Limiting amount

d) Stoichiometric amount

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PMC EXAMS

Attempted Questions 97/200

Skipped Questions 0/200

Unattempted Questions 103/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 36 : 50

Question 125 of 200

What mass is the mass of 2 dm^3 of oxygen at S.T.P?

a) 1.42g

b) 2.22g

c) 3.2g

d) 2.85g

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PMC EXAMS

Attempted Questions	98/200	Skipped Questions	0/200
Unattempted Questions	102/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 36 : 33

Question 126 of 200

Which principle contradict the Bohr's model ?

a) Planck quantum theory

b) Hunds rule

c) Pauli's exclusion principle

d) Heisenberg's uncertainty principle

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PMC EXAMS

Attempted Questions 99/200

Skipped Questions 0/200

Unattempted Questions 101/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 36 : 03

Question 127 of 200

The valence shell electronic configuration of Ca is:

a) $1s^2$

b) $2s^2$

c) $3s^2$

d) $4s^2$

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PMC EXAMS

Attempted Questions 101/200

Skipped Questions 0/200

Unattempted Questions 99/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 35 : 35

Question 128 of 200

How many unpaired electrons are there in the Nitrogen atom?

a) 3

b) 4

c) 5

d) 6

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PMC EXAMS

Attempted Questions 101/200

Skipped Questions 0/200

Unattempted Questions 99/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 35 : 25

Question 129 of 200

Which of the following atomic orbital has lowest energy?

a) 1s

b) 2p

c) 3s

d) 4p

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PMC EXAMS

Attempted Questions 102/200
Skipped Questions 0/200
Unattempted Questions 98/200
Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 35 : 13

Question 130 of 200

Intermolecular forces between gas moleucles are significant at:

a) High temperarue and low pressure

b) Low temperarture and high pressure

c) At standard temperatuer and pressure

d) At standard temperarture and pressure

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PMC EXAMS

Attempted Questions 103/200

Skipped Questions 0/200

Unattempted Questions 97/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 35 : 04

Question 131 of 200

According to kinetic molecular theory, collisions between the gas molecues:

a) Are elastic

b) Are non-elastic

c) Increase energy

d) Decrease Energy

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PMC EXAMS

Attempted Questions 104/200

Skipped Questions 0/200

Unattempted Questions 96/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 34 : 43

Question 132 of 200

The product of volume and pressure of fixed amount of a gas at constant temperature remains same for initial and final state of a gaseous system. This statement corresponds to:

a) Avogadro's Law

b) Dalton's law

c) Boyle's law

d) Graham's law

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PMC EXAMS

Attempted Questions 105/200

Skipped Questions 0/200

Unattempted Questions 95/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 34 : 28

Question 133 of 200

Which of the following substances has the largest intermolecular forces of attraction ?

a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

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PMC EXAMS

Attempted Questions	107/200	Skipped Questions	0/200
Unattempted Questions	93/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 34 : 08

Question 135 of 200

The solid which is hardest of all types is_____?

a) Covalent solids

b) Molecular solids

c) Ionic solids

d) Metallic solids

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PMC EXAMS

Attempted Questions 108/200

Skipped Questions 0/200

Unattempted Questions 92/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 33 : 25

Question 136 of 200

What shape does diamond and NaCl unit cells possess?

a) NaCl Monoclinic and Diamond Cubic

b) NaCl Cubic and Diamond Rhombic

c) Both are Cubic

d) Both are Rectangular

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PMC EXAMS

Attempted Questions	109/200	Skipped Questions	0/200
Unattempted Questions	91/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 33 : 12

Question 137 of 200

Weak acid, its salt with a strong base produces

a) Basic Buffer

b) A buffer with pH < 7

c) Neutral Buffer

d) Amphoteric Buffer

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PMC EXAMS

Attempted Questions 110/200

Skipped Questions 0/200

Unattempted Questions 90/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 32 : 56

Question 138 of 200

NaCl can be purified by passing gaseous

a) Sulfuric acid

b) Chlorine

c) Ammonia

d) Hydrogen Chloride

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PMC EXAMS

Attempted Questions	111/200	Skipped Questions	0/200
Unattempted Questions	89/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 32 : 37

Question 139 of 200

When Hydrogen chloride gas passes through saturated brine it increase concentration of

a) Sodium Ion

b) Hydrogen ion

c) Calcium ions

d) Chloride Ion

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PMC EXAMS

Attempted Questions 112/200
Skipped Questions 0/200
Unattempted Questions 88/200
Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 32 : 22

Question 140 of 200

Activation energy for forward and backward reactions is always

a) Same

b) Different

c) Reciprocal of each other

d) Higher for forward reaction

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PMC EXAMS

Attempted Questions 113/200

Skipped Questions 0/200

Unattempted Questions 87/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 32 : 11

Question 141 of 200

Arrhenius equation is an equation of:

a) Curve

b) Parabola

c) Straight Line

d) Hyperbola

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PMC EXAMS

Attempted Questions	114/200	Skipped Questions	0/200
Unattempted Questions	86/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 31 : 47

Question 142 of 200

In the air, N2 and O2 occur naturally but they do not react to form oxides of nitrogen because

a) oxides of nitrogen are unstable

b) catalyst is required for the reaction

c) the reaction is endothermic

d) N2 and O2 do not react with each other

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PMC EXAMS

Attempted Questions 115/200

Skipped Questions 0/200

Unattempted Questions 85/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 31 : 23

Question 143 of 200

The correct value for the enthalpy of formation of CO is:

a) -110kJ/mol

b) -210kJ/mol

c) +110kJ/mol

d) +210 kJ/mol

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PMC EXAMS

Attempted Questions 116/200

Skipped Questions 0/200

Unattempted Questions 84/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 31 : 05

Question 144 of 200

What is the advantage of using Pt foil in Standard hydrogen electrode formation?

a) It acts as catalyst

b) It does not support the electrode

c) It provides large surface area

d) It decreases the time duration for measurement

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PMC EXAMS

Attempted Questions 117/200

Skipped Questions 0/200

Unattempted Questions 83/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 30 : 48

Question 145 of 200

Cu ion takes up 2 electrons to give an electrode potential value of:

a) 0.76v

b) 0.32v

c) 0.34v

d) -0.34v

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PMC EXAMS

Attempted Questions 118/200

Skipped Questions 0/200

Unattempted Questions 82/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 30 : 08

Question 146 of 200

How many hybrdized orbitals are formed by intermixing of 4 atomic orbitals?

a) 2

b) 4

c) 8

d) 6

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PMC EXAMS

Attempted Questions 119/200

Skipped Questions 0/200

Unattempted Questions 81/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 29 : 52

Question 147 of 200

The pi bonds surround the sigma bonds in ethyne molecule in the shape of

a) Linear

b) cylindrical

c) Trigonal planar

d) Tetrahedral

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PMC EXAMS

Attempted Questions	120/200	Skipped Questions	0/200
Unattempted Questions	80/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 29 : 37

Question 148 of 200

Which of the following is an oxonium ion?

a) NH_4^+

b) PH_4^+

c) RSH_2^+

d) H_3O^+

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PMC EXAMS

Attempted Questions 121/200

Skipped Questions 0/200

Unattempted Questions 79/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 29 : 24

Question 149 of 200

All alkaline earth metals react with nitrogen to give:

a) Nitrates

b) Nitrides

c) Nitriles

d) Amides

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PMC EXAMS

Attempted Questions 122/200

Skipped Questions 0/200

Unattempted Questions 78/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 28 : 25

Question 150 of 200

More the ionization potential, less will be the ability to form:

a) Cations

b) Anions

c) Radicals

d) Free radical

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PMC EXAMS

Attempted Questions	123/200	Skipped Questions	0/200
Unattempted Questions	77/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 27 : 35

Question 151 of 200

Which statement about the Group VIA elements is false?

a) All have an outer electronic configuration of ns2 np4.

b) The electronegativity of Group VIA elements decreases as one goes down the group.

c) Most are found in sulfide deposits.

d) Oxygen has the highest boiling point and melting point.

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PMC EXAMS

Attempted Questions 124/200

Skipped Questions 0/200

Unattempted Questions 76/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 27 : 16

Question 152 of 200

Which compound gives the photochemical smog, a brownish color?

a) NO

b) HNO_2

c) NO_2

d) N_2O_4

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PMC EXAMS

Attempted Questions	125/200	Skipped Questions	0/200
Unattempted Questions	75/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 27 : 03

Question 153 of 200

Element that form interstitial compounds is_____

a) C

b) F

c) Cs

d) Rb

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PMC EXAMS

Attempted Questions 126/200

Skipped Questions 0/200

Unattempted Questions 74/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 26 : 54

Question 154 of 200

Coinage metals belong to which group of periodic table?

a) 1B

b) 2B

c) 3B

d) 3A

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PMC EXAMS

Attempted Questions 127/200

Skipped Questions 0/200

Unattempted Questions 73/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 26 : 45

Question 155 of 200

Halogenation of alkane in sunlight is the example of:

a) Addition reaction

b) Elimination reaction

c) Substitution reaction

d) Rearrangment reaction

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PMC EXAMS

Attempted Questions 128/200

Skipped Questions 0/200

Unattempted Questions 72/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 26 : 03

Question 155 of 200

Halogenation of alkane in sunlight is the example of:

a) Addition reaction

b) Elimination reaction

c) Substitution reaction

d) Rearrangment reaction

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PMC EXAMS

Attempted Questions	129/200	Skipped Questions	0/200
Unattempted Questions	71/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 25 : 28

Question 156 of 200

Major product of the following reaction is: $CH_2=CH-CH_2-CH_3 + HBr \rightarrow$

a) $CH_2(Br)-CH_2-CH_2-CH_3$

b) $CH_3-CH(Br)-CH_2-CH_3$

c) $CH_2=CH-CH(Br)-CH_3$

d) $CH_2=CH-CH_2-CH_2(Br)$

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PMC EXAMS

Attempted Questions 129/200

Skipped Questions 0/200

Unattempted Questions 71/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 25 : 20

Question 157 of 200

Which of the following process gives benzensulphonic acid from benzene?

a) Ozonolysis

b) Sulphonation

c) Nitration

d) Halogenation

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PMC EXAMS

Attempted Questions 130/200

Skipped Questions 0/200

Unattempted Questions 70/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 25 : 05

Question 158 of 200

Benzene is less reactive than is corresponding alkene due to:

a) More Unsaturation

b) More Saturation

c) Less electronegativity difference between C and H-atom

d) Delocalization of pi electrons

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PMC EXAMS

Attempted Questions 131/200

Skipped Questions 0/200

Unattempted Questions 69/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 24 : 48

Question 159 of 200

What is the structure of benzene?

a) Regular, flat planar hexagon

b) Regular, 3D hexagon

c) Regular, flat planar octagon

d) Regular, planar pentagon

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PMC EXAMS

Attempted Questions 132/200
Skipped Questions 0/200
Unattempted Questions 68/200
Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 24 : 36

Question 160 of 200

Which of the following has anti knocking properties?

a) $(CH_3CH_2)_4Sn$

b) $(CH_3CH_2)_4Pb$

c) $(CH_3CH_2)_4Ge$

d) $(CH_3CH_2)_4Si$

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PMC EXAMS

Attempted Questions 133/200
Skipped Questions 0/200
Unattempted Questions 67/200
Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 24 : 07

Question 161 of 200

Which of the following fraction of petroleum has lowest boiling point at STP.

a) Kerosine oil

b) Lubricating oil

c) Gasoline

d) Natureal gas

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PMC EXAMS

Attempted Questions 134/200

Skipped Questions 0/200

Unattempted Questions 66/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 23 : 54

Question 162 of 200

Conversion of straight chain hydrocarbons into branched chain is called as_____?

a) Reforming

b) Cracking

c) Isomerization

d) Decomposition

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PMC EXAMS

Attempted Questions 135/200
Skipped Questions 0/200
Unattempted Questions 65/200
Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 23 : 36

Question 163 of 200

Which one of the following is a strong Nucleophile?

a) Cl-

b) Br-

c) OH-

d) HSO4-

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PMC EXAMS

Attempted Questions 136/200

Skipped Questions 0/200

Unattempted Questions 64/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 22 : 58

Question 164 of 200

2-chlorobutane belongs to:

a) Primary Alkyl halides

b) Secondary Alkyl Halides

c) Tertiary Alkyl Halides

d) Quarternary Alkyl halides

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PMC EXAMS

Attempted Questions 137/200

Skipped Questions 0/200

Unattempted Questions 63/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 22 : 32

Question 165 of 200

If bond energy of C-Cl is 346 kJ/mol. The bond enegy of C-Br should be:

a) 290 KJ/mol

b) 390 kJ/mol

c) 490 KJ/mol

d) 590 KJ/mol

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PMC EXAMS

Attempted Questions 138/200

Skipped Questions 0/200

Unattempted Questions 62/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 22 : 18

Question 166 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

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PMC EXAMS

Attempted Questions 140/200

Skipped Questions 0/200

Unattempted Questions 60/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 21 : 53

Question 11 of 200

Metabolism is about ___

a) All chemical reactions taking place in a cell

b) All chemical reactions in prokaryotic bodies

c) All chemical reactions in eukaryotic bodies

d) All chemical reactions in an industry

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PMC EXAMS

Attempted Questions 141/200

Skipped Questions 0/200

Unattempted Questions 59/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 21 : 31

Question 12 of 200

Which of the following is true about glucose and fructose?

a) Have same structural formula

b) Have different molecular formula

c) They are building blocks of sucrose

d) They are aldohexoses

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PMC EXAMS

Attempted Questions	142/200	Skipped Questions	0/200
Unattempted Questions	58/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 20 : 11

Question 13 of 200

If an α-helix of a polypeptide consist of 360 amino acids, how many turns does the helix contain?

a) 3.6 turns

b) 100 turns

c) 360 turns

d) the number of turns can not be determined

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PMC EXAMS

Attempted Questions 143/200

Skipped Questions 0/200

Unattempted Questions 57/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 19 : 58

Question 14 of 200

Insulin consists of two polypeptides containing 21 amino acids and 30 amino acids each. How many peptide bonds does the insuline contain?

a) 51

b) 50

c) 49

d) 2

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PMC EXAMS

Attempted Questions 144/200

Skipped Questions 0/200

Unattempted Questions 56/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 19 : 25

Question 15 of 200

When alpha glucose is condensed with beta fructose, which of the following can be produced?

a) Maltose

b) Lactose

c) Water

d) Peptide bond

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PMC EXAMS

Attempted Questions	145/200	Skipped Questions	0/200
Unattempted Questions	55/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 19 : 05

Question 16 of 200

What is incorrect about plasma membranes?

a) They are involved in maintaining gradients between different compartments

b) They are involved in cell communication

c) They are involved in exchange of materials

d) They initiate nuclear division

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PMC EXAMS

Attempted Questions 146/200

Skipped Questions 0/200

Unattempted Questions 54/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 18 : 33

Question 17 of 200

What is the difference between facilitated transport and passive transport?

a) All facilitated transport is passive

b) All passive transport is facilitated

c) Facilitated transport requires membrane proteins

d) Passive transport is downhill whereas facilitated transport is uphill

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PMC EXAMS

Attempted Questions 147/200

Skipped Questions 0/200

Unattempted Questions 53/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 18 : 16

Question 18 of 200

Which organelle synthesizes proteins for export or repackaging elsewhere?

a) Rough endoplasmic reticulum

b) Smooth endoplasmic reticulum

c) Free ribosomes

d) Golgi complex

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PMC EXAMS

Attempted Questions 148/200

Skipped Questions 0/200

Unattempted Questions 52/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 17 : 49

Question 19 of 200

Lysosomes originate from which cell organelle?

a) Rough endoplasmic reticulum

b) Smooth endoplasmic reticulum

c) Golgi apparatus

d) Cell membrane

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PMC EXAMS

Attempted Questions 149/200

Skipped Questions 0/200

Unattempted Questions 51/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 17 : 33

Question 20 of 200

Which of these cell organelles are involved in the synthesis of new plant cell walls?

a) Rough endoplasmic reticulum

b) Smooth endoplasmic reticulum

c) Golgi complex

d) Cell membrane

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PMC EXAMS

Attempted Questions 150/200

Skipped Questions 0/200

Unattempted Questions 50/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 17 : 20

Question 21 of 200

The protoplast of a plant cell does not include:

a) Cell wall

b) Cell membrane

c) Vacuoles

d) Nucleus

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PMC EXAMS

Attempted Questions 151/200

Skipped Questions 0/200

Unattempted Questions 49/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 16 : 58

Question 22 of 200

In a eukaryotic cell, where are the proteins for electron transport chain located?

a) Smooth endoplasmic reticulum

b) Rough endoplasmic reticulum

c) Mitochondria

d) Cell membrane

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PMC EXAMS

Attempted Questions 152/200

Skipped Questions 0/200

Unattempted Questions 48/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 16 : 41

Question 23 of 200

Which cells synthesize testosterone?

a) Adrenal medulla of adrenal glands

b) Adrenal cortex of adrenal glands

c) Interstitial cells of testis

d) Graffian follicle

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PMC EXAMS

Attempted Questions 154/200

Skipped Questions 0/200

Unattempted Questions 46/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 16 : 19

Question 24 of 200

In which part of the nervous system will you find Schwann cells?

a) Central nervous system

b) Peripheral nervous system

c) Limbic system

d) Sympathetic nervous system

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PMC EXAMS

Attempted Questions 154/200

Skipped Questions 0/200

Unattempted Questions 46/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 15 : 29

Question 25 of 200

Cushing's disease results because of excessive secretion of which hormone?

a) Noradrenaline

b) Testosterone

c) Cortisol

d) Adrenocorticotrophic hormone

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PMC EXAMS

Attempted Questions	155/200	Skipped Questions	0/200
Unattempted Questions	45/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 15 : 21

Question 26 of 200

The target cells of this hormone are present in kidney tubules.

a) Aldosterone

b) Corticosterone

c) Cortisol

d) Noradrenaline

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PMC EXAMS

Attempted Questions 156/200

Skipped Questions 0/200

Unattempted Questions 44/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 15 : 09

Question 27 of 200

Neurilemma cells are also known as?

a) Photoreceptors

b) Odontoblasts

c) Ganglion

d) Schwann cells

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PMC EXAMS

Attempted Questions	157/200	Skipped Questions	0/200
Unattempted Questions	43/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 14 : 44

Question 28 of 200

Which of these compounds generates a feeling of well-being and inhibits the sensation of pain?

a) Cortisol

b) Adrenaline

c) Endorphine

d) Dopamine

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PMC EXAMS

Attempted Questions 158/200

Skipped Questions 0/200

Unattempted Questions 42/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 14 : 32

Question 29 of 200

Diffused nervous system is present in which animal group?

a) Platyhelminthes

b) Annelida

c) Cnidaria

d) Porifera

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PMC EXAMS

Attempted Questions 159/200

Skipped Questions 0/200

Unattempted Questions 41/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 14 : 00

Question 30 of 200

Saccoglossus belongs to which group of invertebrates?

a) Porifera

b) Cnidaria

c) Echindermata

d) Hemichordates

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PMC EXAMS

Attempted Questions 160/200

Skipped Questions 0/200

Unattempted Questions 40/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 13 : 24

Question 31 of 200

What is correct about triploblastic animals?

a) They all show bilateral symmetry.

b) They show radial as well as bilateral symmetry.

c) They are all protostomes.

d) They are all deuterostomes.

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PMC EXAMS

Attempted Questions 161/200
Skipped Questions 0/200
Unattempted Questions 39/200
Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 12 : 56

Question 32 of 200

Which features identify deuterostomes?

a) Blastopore makes the mouth.

b) Zygote divides spirally.

c) Mesoderm forms from the developing gut.

d) Fate of each blastomere is pre-determined

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PMC EXAMS

Attempted Questions	162/200	Skipped Questions	0/200
Unattempted Questions	38/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 12 : 18

Question 33 of 200

Catalytic activity of an enzyme is restricted to its:

a) Active site

b) Catalytic site

c) Binding site

d) Allosteric site

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PMC EXAMS

Attempted Questions 163/200

Skipped Questions 0/200

Unattempted Questions 37/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 11 : 54

Question 34 of 200

The rate of an enzyme catalyzed reaction:

a) Can be reduced by inhibitors

b) Is constant under all conditions

c) Cannot be measured

d) Has no relation with substrate concentration

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PMC EXAMS

Attempted Questions 164/200

Skipped Questions 0/200

Unattempted Questions 36/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 11 : 41

Question 35 of 200

An activated enzyme consisting of polypeptide chain and a cofactor is called?

a) Apoenzyme

b) Holoenzyme

c) Conjugated enzyme

d) Hybrid enzyme

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PMC EXAMS

Attempted Questions	165/200	Skipped Questions	0/200
Unattempted Questions	35/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 11 : 28

Question 36 of 200

Inhibitors which block the enzyme by forming weak bond are called?

a) Competitive inhibitors

b) Non-competitive inhibitors

c) Irreversible inhibitors

d) Reversible inhibitors

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PMC EXAMS

Attempted Questions	166/200	Skipped Questions	0/200
Unattempted Questions	34/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 10 : 58

Question 37 of 200

What is meant by enzyme denaturation?

a) An enzyme begin to catalyze reverse reaction

b) The enzyme loses its three dimensional structure.

c) Enzyme stops its activity temporarily

d) Enzyme becomes apoenzyme

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PMC EXAMS

Attempted Questions 167/200
Skipped Questions 0/200
Unattempted Questions 33/200
Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 10 : 28

Question 38 of 200

Descent with modification means:

a) all organisms show resemblance

b) organisms do not show resemblances

c) The organisms show resemblances but later change

d) The organisms do not show resemblances but later become alike

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PMC EXAMS

Attempted Questions 168/200

Skipped Questions 0/200

Unattempted Questions 32/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 10 : 15

Question 39 of 200

Survival of the fittest depends upon:

a) Acquired characters of the organisms

b) Genetic drift

c) depends in part on the hereditary constitution of the surviving individuals

d) Natural catastrophies

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PMC EXAMS

Attempted Questions	169/200	Skipped Questions	0/200
Unattempted Questions	31/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 09 : 53

Question 40 of 200

According to Darwin, a diverse life-forms could arise from:

a) Common ancestor

b) Random mutation

c) The process of special creation

d) Inheritance of aquired characters

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PMC EXAMS

Attempted Questions 170/200

Skipped Questions 0/200

Unattempted Questions 30/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 09 : 21

Question 41 of 200

In terrestrial vertebrates, the gill slits are modified to form:

a) Ear muscles

b) Eustachian tube

c) Larynx

d) Lungs

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PMC EXAMS

Attempted Questions 171/200

Skipped Questions 0/200

Unattempted Questions 29/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 09 : 13

Question 42 of 200

The salivary glands are present in:

a) Stomach

b) Pharynx

c) Buccal cavity

d) Pancreas

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PMC EXAMS

Attempted Questions 172/200

Skipped Questions 0/200

Unattempted Questions 28/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 09 : 05

Question 43 of 200

The distal blind end of the malpighian tubules bathes freely in which of the following?

a) Digestive tract

b) Intestines

c) Coelom

d) Haemocoel

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PMC EXAMS

Attempted Questions 173/200

Skipped Questions 0/200

Unattempted Questions 27/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 08 : 20

Question 44 of 200

Hunger contractions are of which type?

a) Antiperistalsis

b) Peristalsis

c) Voluntary

d) Involuntary

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PMC EXAMS

Attempted Questions 174/200

Skipped Questions 0/200

Unattempted Questions 26/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 07 : 56

Question 45 of 200

Partly digested food is stored in which of the following in a cockroach?

a) Gizzard

b) Crop

c) Rectum

d) Hepatic cece

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PMC EXAMS

Attempted Questions 175/200

Skipped Questions 0/200

Unattempted Questions 25/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 07 : 14

Question 46 of 200

Exceptionally the positive hydrostatic pressure generated by root pressure is about how many Kpa?

a) 600

b) 700

c) 800

d) 900

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PMC EXAMS

Attempted Questions	176/200	Skipped Questions	0/200
Unattempted Questions	24/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 06 : 52

Question 47 of 200

The movement of water molecules from a region of higher water potential to a region of lower water potential?

a) Active transport

b) Osmosis

c) Diffusion

d) Photosynthesis

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PMC EXAMS

Attempted Questions 178/200

Skipped Questions 0/200

Unattempted Questions 22/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 06 : 36

Question 48 of 200

The percentage of CO2 carried as carboxyhemoglobin is?

a) 10

b) 15

c) 20

d) 25

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PMC EXAMS

Attempted Questions 178/200

Skipped Questions 0/200

Unattempted Questions 22/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 06 : 16

Question 49 of 200

Which of the following provides resistance against high temperature?

a) Cysts

b) Spores

c) Cell wall

d) Capsules

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PMC EXAMS

Attempted Questions 179/200

Skipped Questions 0/200

Unattempted Questions 21/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 06 : 04

Question 50 of 200

Photosythetic bacteria have the ability to release:

a) Sulphur

b) Oxygen

c) Hydrogen

d) Carbon dioxide

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PMC EXAMS

Attempted Questions 180/200

Skipped Questions 0/200

Unattempted Questions 20/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 05 : 46

Question 51 of 200

For sterilization purpose, generally X-rays are used which cause:

a) Mutation in bacterial genome

b) Denaturation of bacterial proteins

c) Inactivation of bacteria

d) Bacteria to become pathogen

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PMC EXAMS

Attempted Questions 181/200

Skipped Questions 0/200

Unattempted Questions 19/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 05 : 24

Question 52 of 200

A bacterial cell envelop does not include :

a) Slime

b) Campsule

c) Cell wall

d) Cell membrane

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PMC EXAMS

Attempted Questions 182/200

Skipped Questions 0/200

Unattempted Questions 18/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 04 : 58

Question 53 of 200

A periplasmic space is:

a) The space between outer membrane and peptidoglycan layer of cell wall

b) The space between cell membrane and cell wall

c) The space within the cell

d) The space between phospholipid bilayer

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PMC EXAMS

Attempted Questions 183/200
Skipped Questions 0/200
Unattempted Questions 17/200
Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 04 : 45

Question 54 of 200

Which of the following part of male reproductive system is located outside the testes?

a) Seminiferous tubules

b) Epididymis

c) Efferent ductules

d) Uriniogenital duct

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PMC EXAMS

Attempted Questions 184/200

Skipped Questions 0/200

Unattempted Questions 16/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 04 : 27

Question 55 of 200

Where Sertoli cells are present in male reproductive system?

a) In germinal epithelium

b) Between seminiferous tubules

c) In seminal vesicle

d) In prostate gland

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PMC EXAMS

Attempted Questions 185/200

Skipped Questions 0/200

Unattempted Questions 15/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 04 : 12

Question 56 of 200

2nd meiotic division in oocyte is completed during?

a) When ovum is discharged from the ovary

b) Just before fertilization

c) Before the onset of menstruation

d) When oocyte is fertilized by sperm

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PMC EXAMS

Attempted Questions 186/200

Skipped Questions 0/200

Unattempted Questions 14/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 04 : 01

Question 57 of 200

During birth which of following act as birth canal?

a) Oviduct

b) Ovary

c) Uterus

d) Vagina

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PMC EXAMS

Attempted Questions 187/200

Skipped Questions 0/200

Unattempted Questions 13/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 03 : 50

Question 58 of 200

Nutrition to the developing egg in ovary is provided by which of the following?

a) Germ cells

b) Egg mother cells

c) Follicular cells

d) Endometrial cells

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PMC EXAMS

Attempted Questions 188/200

Skipped Questions 0/200

Unattempted Questions 12/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 03 : 14

Question 59 of 200

Which type of joints are connected by dense, tough connective tissue that is rich in collagen fibers?

a) Fibrous joints

b) Cartilaginous Joints

c) Synovial Joints

d) Gomphosis joints

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PMC EXAMS

Attempted Questions 190/200

Skipped Questions 0/200

Unattempted Questions 10/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 02 : 23

Question 60 of 200

Name the joint that allows the skull to rotate on your spine:

a) Hinge joint

b) Sliding joint

c) Fibrous joint

d) Pivotal joint

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PMC EXAMS

Attempted Questions 190/200

Skipped Questions 0/200

Unattempted Questions 10/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 02 : 09

Question 61 of 200

Humerus makes a ball and socket joint with :

a) Clavicle

b) Sternum

c) Innominate

d) Scapula

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PMC EXAMS

Attempted Questions 191/200
Skipped Questions 0/200
Unattempted Questions 9/200
Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 01 : 58

Question 62 of 200

Hip joint is an example of:

a) Ball and socket joint

b) Hinge joint

c) Multistage joint

d) Cartilaginous joints

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PMC EXAMS

Attempted Questions 192/200

Skipped Questions 0/200

Unattempted Questions 8/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 01 : 48

Question 63 of 200

It is the basic unit of biological information:

a) Trait

b) Gene

c) Genotype

d) Phenotype

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PMC EXAMS

Attempted Questions 193/200
Skipped Questions 0/200
Unattempted Questions 7/200
Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 01 : 29

Question 64 of 200

Linkage reduce the frequency of:

a) Recombinants or Hybrids

b) Parental Phenotypes

c) Dominant Homozygotes

d) Recessive Homozygotes

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PMC EXAMS

Attempted Questions 194/200

Skipped Questions 0/200

Unattempted Questions 6/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 00 : 19

Question 65 of 200

What is the ratio of homozygous dominant to homozygous recessive phenotypes in F2 generation of monohybrid cross ?

a) 1 ratio 1

b) 1 ratio 2

c) 1 ratio 3

d) 3 ratio 1

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PMC EXAMS

Attempted Questions 195/200

Skipped Questions 0/200

Unattempted Questions 5/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 00 : 02

Question 66 of 200

Which of the following is dominant X-linked trait in human?

a) Testicular feminization

b) Haemophilia

c) Colorblindness

d) Hypophosphatemic Rickets

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PMC EXAMS

Attempted Questions 196/200

Skipped Questions 0/200

Unattempted Questions 4/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 01 : 59 : 36

Question 67 of 200

Relatives who have children together have a much higher risk of having children affected by:

a) Environmental condition

b) Dominant condition

c) Recessive condition

d) Undetected condition

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PMC EXAMS

Attempted Questions 197/200

Skipped Questions 0/200

Unattempted Questions 3/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 01 : 58 : 58

Question 68 of 200

If a heterozygous round pea plant is crossed with a wrinkled pea plant, what is the probability of homozygous phenotypes in the progeny?

a) 25%

b) 50%

c) 75%

d) 100%

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PMC EXAMS

Attempted Questions 198/200

Skipped Questions 0/200

Unattempted Questions 2/200

Flagged Questions 0/200

PHYSICS

Remaining Time 01 : 58 : 47

Question 69 of 200

Is it possible to have a non-zero number of forces acting on an object (of non-zero mass), yet the object doesn't accelerate?

a) No

b) Yes

c) Not necessarily

d) Not enough information

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PMC EXAMS

Attempted Questions 199/200

Skipped Questions 0/200

Unattempted Questions 1/200

Flagged Questions 0/200

PHYSICS

Remaining Time 01 : 57 : 55

Question 69 of 200

Is it possible to have a non-zero number of forces acting on an object (of non-zero mass), yet the object doesn't accelerate?

a) No

b) Yes

c) Not necessarily

d) Not enough information

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PMC EXAMS

Attempted Questions 199/200

Skipped Questions 0/200

Unattempted Questions 1/200

Flagged Questions 0/200

PHYSICS

Remaining Time 01 : 57 : 41

Question 70 of 200

Two bodies in contact experience forces in:

a) Same direction

b) Opposite directions

c) Perpendicular directions

d) Five different direction

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EXAMS

Attempted Questions 7/200

Skipped Questions

Unattempted Questions 1931200

FlaggedQuesdon's

Remai

03

PHYSICS

uesGon 98of20

When a charge gets inhuenced by its surrounding, it has entered:

a) An electric field

b) A pravitational field

c) Thermal fielcl

dj Clo»ed fielci

EXAMS

Attempted Questions 12/200

Skipped Questions

unafiempled QuœtÒns 186/200

Flagged Questions

Renfi

PHYSICS

03

Question 105 oY 200

The SI Unit for resistance ïs?

! a) Ohm

b) Ampere

c) Wah

d) Volts

0

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EXAMS

Unahemp\ed Ques\Ions 182/200

Flagged Questions

PHYSICS

¿Zguestion 10g¿?f_Z_00

1ansformer can convel ___

a) "Low DC voltage

b) High DC voltape

c) Battery voltage

d) Ac voltape

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PMC EXAMS

Attempted Questions 14/200

skipped Questions

unaFemptæ Questans 17t/200

Etagged Questions

me

03

PHYSICS

@ueșțion 119 of 2ğ@

Which rádiation passes through black body:

) a) Alpha

i t Gamma

c) fieta

d) \'›'hite

PMC EXAMS

Attempted Questions	13/200	Skipped Questions	8/200
Unattempted Questions	179/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 20 : 05

Question 112 of 200

In AC generator, AC current reverses its direction _____ times per second:

a) 30

b) 40

c) 50

d) 60

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 171/200

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Rem

03

PHYSICS

Question 120 of 200

In water pipes ____ is used to detect leakages:

a) Radioisotpe

b) Light

c) Current

d) Heat

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 17/20

Unattempted Questions 169/200

Flagged Questions 0/20

Remaining Time 03 : 18 : 15

PHYSICS

Question 122 of 200

When electron absorbs a photon and jumps to higher states it is called:

a) De-excitation

b) Excitation

c) Emission

d) Conversion

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 18/2

Unattempted Questions 168/200

Flagged Questions 0/2

CHEMISTRY

Remaining Tim

03 : 18 : 0

Question 123 of 200

What is the mass in grams of 1.69 moles of phosphoric acid?

a) 148 g

b) 138 g

c) 157 g

d) 166 g

Previous

Skip

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PMC EXAMS

Attempted Questions 14/200

SkippedQuestion

UnaltemptedQuesians 165/zoo

Flagged Questions

CHEMISTRY

03

Question 126 of 200

Mass of elecVoc _____ times smaller than that of proton.

a) 1B37

b) 1839

c) 1836

d) 1854

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 25

unattempted Questlons! 1 fi1/

Flagged Questions 0

CHEMISOY

Remaining Ti

03 : 17 :

;:Lu.est,i»n 13O of 2;i0

The value of general gas constant 'R'!for a particular gas is indepedant a

a) Pressure

b) Volume

c) Absolute temperature

d) t›1olar mass of the gas.

Previous

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PMC

Attempted Questions 14/200

Skipped Questions

unahemptedQueslóns 161I200

CHEMISÆY

Question 125 of 200

Which subshells are present in M shell?

a) s

b) s,p

c) s,p,d

d) s,p,d,f

Skip >

< Previous

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PMC EXAMS

Attempted Questions	14/200	Skipped Questions	28/200
Unattempted Questions	158/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 16 : 48

Question 133 of 200

Which of the following substances has the largest intermolecular forces of attraction ?

a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

< Previous

Skip >

PMC EXAMS

Attempted Questions 14/200

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Flagged Questions

Remaining T

03 : 16 :

CHEMISTRY

Question 140 of 200

The reacñon in which rate depends only on one reactant concenVations although more than one reactants are present in the reacñon mix@re is known as _____

at 1st order re2ction

b) 2nd order reacdon

c) Pseudo fir»t order reaction

d) Third order reaction

Previous

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5XAM9

Attempted Questions 14/2|0

Skipped Questions

Unattempted QuestDns 1J5/200

Flagged Questions

fturnain

CHEMISTRY

03 : 1

Question 136 of 200

The array of points which shows the atoms, ions or molecule arrangements in a crystal is called:

a) Crystal system

b) Crystal Lattice

c) Crystal array

d) C 'stalography

Previous

Skip

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PMC EXAMS

Attempted Questions 14/200	Skipped Questions 36/200
Unattempted Questions 150/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 15 : 54

Question 141 of 200

The rate law of a particular reaction is Rate = $k[NO][O_3]$. The order of this reaction with respect to ozone is:

a) 1st

b) 2nd

c) 3rd

d) zero

< Previous

Skip >

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PMC EXAMS

Attempted Questions 14/200

Unattempted Questions 147/200

Flagged Questions

Rem 03

CHEMISTRY

Question 144 of 2Q0

Fe is precipitated out when Cu strip is dips°.d in

a) FeSO› solution

b) CuSO. Solution

c) MgSO. Solution

d) H:SO• solution

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempled Questions 1451200

Flagged Questions

Remaining 03 : 15

CHEMISTRY

g¿¿estion 146 of 200

The covalent compounds exhibit:

a) Fast reacńons

b) Hon-directional nature

c) Non-rigid structures

d) Isomerism

Previous

Skip

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 43/

Unattempted Questions 143/200

Flagged Questions 0/

CHEMISTRY

Remaining Tim

03 : 15 : 0

Question 148 of 200

The amount of energy required to beak one mole of a particular type of bond is equal to its:

a) Activation energy

b) Ionization energy

c) Bond Energy

d) Potential energy

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 44

Unattempted Questions 142/200

Flagged Questions 0

CHEMISTRY

Remaining T

03 : 15 :

Question 149 of 200

In alkali metals the highest shielding effect is exhibited by:

a) Li

b) Na

c) K

d) Rb

< Previous

Skip >

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 47/

Unattempted Questions 139/200

Flagged Questions 0/

CHEMISOY

Remaining Tir

03 : 14 : 4

Questiog 152 of 200

Whlch one of the following is more soluble in water?

aJ 8e(OH)i

b) Ca(OHj‹

c) Mg(OH)₂

d) Ba(OH)›

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 51/2

Unattempted Questions 135/200

Flagged Questions 0/2

CHEMISTRY

Remaining Time 03 : 14 : 15

Question 156 of 200

Which of the following fraction of petroleum has lowest boiling point at STP.

a) Kerosine oil

b) Lubricating oil

c) Gasoline

d) Natureal gas

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 53

Unattempted Questions 133/200

Flagged Questions 0

CHEMISTRY

Remaining 03 : 14 :

question 158 of 20O

The tRrmination step of the Halogenation of afkanes In the presence of sunlight involves the formation of:

a) Free radicals

b) Cations

c) Anions

d) Molecules

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 57

Unattempted Questions 129/200

Flagged Questions 0

CHEMISTRY

Remaining T

03 : 13

Question 162 of 200

Major product of the following reaction is: $CH_2=CH-CH_2-CH_3 + HBr \rightarrow$

a) $CH_2(Br)-CH_2-CH_2-CH_3$

b) $CH_3-CH(Br)-CH_2-CH_3$

c) $CH_2=CH-CH(Br)-CH_3$

d) $CH_2=CH-CH_2-CH_2(Br)$

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 60/

Unattempted Questions 126/200

Flagged Questions 0/

CHEMISTRY

Remaining Tim

03 : 13 : 1

Quesñon 165 of 200

2-chlorobuQne belongs to:

a) Primary Alkyl halides

b) Secondary Alkyl Halides

c) Tertiary Alkyl Halides

d] Quartemary Alkyl halides

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CHEMISTRY

Question 169 of 200

Idoform test is used to check the presence of :

a) Amines

b) Carbonyl compounds

c) Carboxylic acid

d) Alkyl halides

< Previous

Skip >

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 68/

Unattempted Questions 118/200

Flagged Questions 0/

CHEMISTRY

Remaining Tir

03 : 12 : 1

Question 173 of 200

The flavour of amyl buÇrate is:

a) 'Mango

b} Raspberry

c) Apricot

d) Orange

Previous

Skip

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 73/

Unattempted Questions 113/200

Flagged Questions 0/

ENGLISH

Remaining Tir

03 : 11 : 2

Question 178 of 200

When we were in Singaporelast year, we _____at a beautiful resoX nea an Island.

a} stayed

b) stopped

c) lived

d) left

Previous

Skip

National Mdcat Book by MBBS.Com.Pk [Recommended]

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 111/200

Flagged Questions

ENGLISH

Rema

03

Question 180 of 200

The earth _____ (seem) to be moving.

a) seem

b) seemed

c) seeming

d) seems

Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 77/20

Unattempted Questions 109/200

Flagged Questions 0/2

ENGLISH

Remaining Time 03 : 10 : 53

Question 182 of 2O0

One day"people _____to Moon

a) travel

b) travelled

c) will Pavel

d) were traveltinø

Previous

Skip

Question 184 of 200

Choose the word wrongly spelt.

a) Semester

b) Senesent

c) Sensory

d) Salacious

< Previous

Skip >

National Mdcat Book by MBBS.Com.Pk [Recommended]

Question 189 of 200

Choose the correct spelling of the word.

a) Racommend

b) Racomand

c) Recomend

d) Recommend

< Previous

Skip >

National Mdcat Book by MBBS.Com.Pk [Recommended]

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions 101/200

Flagged Questions

ENGLISH

QuesÒon 190 of 200

ChooSe the correct spelling of Qe word.

a)"AnnehiTate

b) Anihilate

c) Annihilate

d) Anehilate

Previous

Skip

ENGLISH

Rem 03

Question 194 o/_2¿¡¡;

Which one is coPFect?

a) Let's Dok ten-minute break before starting the next session.

b) Let's take a ten-minute break before starting the next session.

c) Let's Qke up a ten-mlnute break before starting the next sB 5 SIO l2.

d) Let's take out a ten-minute break before starting the ne@ session.

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions 98/200

Flagged Questions

ENGLISH

Question 193 of 200

Which one is correct?

a) You thought, I was going to, but I didn't snatch people pocketbooks.

b) You thought, I was going to, but I didn't »natch people'» pocketbooks.

c) You thought, I am going to, but I didn't »natch people'» pockesooks.

d) You thought. I \vas going to, but I don't snatch geople"s poc l‹etbooks.

Previous

Skip

Attempted Questions 15/200

Skipped Questions 9

Unattempted Questions 94/200

Flagged Questions

BIOLOGY

Remaining 03 : 07

Question 4 of 200

Which of the following is NOT true about viruses?

a) Obligate intracellular parasite

b) Self replicating

c) Acellular

d) Uses host machinery

Question 6 of ¿00

Which of the following chemical activity is involved in the conversion a pyruvate into acetaldehyde during anaerobic respirafion?

a) Reducfion

b) Decarboxylaéon

c) Oxidation

d) Phosphorylation

Question 8 of 200

F

Which of the following releases 7.3 Kcal energy when terminal phosphate is lost?

a) NADP

b) ADP

c) ATP

d) FAD

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions

Flagged Questions

Rema

BIOLOGY

03 :

uQ_egño¿ 13.;tf 20¿i

Most abundant organic compounds to be found in cells :

a) Proteins

b) Carbon

c) Hucfeic acids

d) Lipids

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions 98/200

Unattempted Questions 87/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 30

Question 11 of 200

If an mRNA consists of 150 nucleotides, how many amino acids would be present in the polypeptide which is encoded by this mRNA?

a) 50

b) 100

c) 150

d) 300

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions 1

Unattempted Questions 83/200

Flagged Questions

BIOLOGY

Remaining

03 : 05

Question 15 of 200

At least, how many carbon atoms must be found in an amylose starch

a) 7

b) 66

c) 70

d) Many thousands

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 15/200	Skipped Questions 103/200
Unattempted Questions 82/200	Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 05 : 08

Question 16 of 200

Which of these cell organelles are involved in the synthesis of new plant cell walls?

a) Rough endoplasmic reticulum

b) Smooth endoplasmic reticulum

c) Golgi complex

d) Cell membrane

< Previous

Skip >

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions 81/200

Flagged Questions

BIOLOGY

Question 17 of 200

The protoplast of a plant cell does not include:

a) Cell wall

b) Cell membrane

c) Vacuoles

d) Nucleus

< Previous

Skip >

amScanner

Question 22 of 200

Golgi complex was discovered by which scientist?

a) Robert Brown

b) Camillo Golgi

c) De Duve

d) Robert Hooke

< Previous

Skip

CamScanner

Practic

Question 25 of 200

The disorder in which the one or more muscle groups fa
function is called?

a) Cirrhosis

b) Angina

c) Epilepsy

d) Paralysis

< Previous

Skip

BIOLOGY

Remaining 03 : 01

Question 27 of 200

The disorder which is caused when cones cannot distinguish between different colors is called?

a) Short sighted vision disorder

b) Night blindness

c) Long sighted vision disorder

d) Color blindness

< Previous

Skip >

EXAMS

k*j AM*t6ted Questlans 13/ZOO l" gl skiy/x:d Quusiions 4/20£

Unattempted Questions 183/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 20 : 30

Question J00 of 200

When a bar magnet is broken from middle, the broken pieces will have:

a| North pole only

b) South pole only

c) Both south and ‹tortl\ goles

d) f.1agneli»n› will he removed

Question 29 Of ¿0b

Which of the foI[Owing inverteb,rate species on planet Earth:

phyiy'umi on i of the most $bundanJ

a) Po#fera

b) Cnidaria

c) Arthropoda

d) Mollusca

_Ques1ion,_28 o1200

Yhe photosensitive cells present in the retina that are sensitive to dim light
are called?

a) OpÒcal disc

t b) Rods

!¡“c) Cones

)” d) Lìgaments

PMC EXAMS

Attempted Questions 16/200

Skipped Questions

Unattempted Questions 68/200

Flagged Questions

BIOLOGY

Remaining 03 : 0

Q«c1tion 50 of 200

Which among the following lachs the nervous system

b) Annelida

c) Cnidaria

d) Sponge

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 16/200

Skipped Questions

Una€em{jted at‹estiéns 72/200

Flagged Questions

8fOLOGY

Remaining

03 : 01

Question 26 of 200

Abnormal and excessive discharge of nerve impulses' in the brain is called?

a) Cirrhosis

b) Angina

c) Stroke

dJ Epilepsy

CamScanner

PMC EXAMS

Attempted Questions 16/200

Skipped Questions 111/2

//// v ‹x«•mx• 73/200

Flagged Questions 0/2

BIOLOGY

Remaining Time 03 : 01 : 54

Qurst»<i 15 r/ 7#*3 **

The dtsordsr in whlch the one or ITjOrG fTsU'$C ' function is called7 *

a) Cirrhosis

b) Angtna

c) Epilepsy

d) Paralysis

< Previous

Skip >

CamScanner

PMc EXAMS

Attempted Questions 16/200

U mpted Questions

Flagged Questions

Remainin

03 : 03

BIOLOGY

Question 24 of 200

The disorder of the nervous system which occurs because of @e disturbance of the supply of blood to the nervous system is called?

a) Muscular disorders

b) Vascular disorders

c) Fun C tion«I dis orders

d) All ol these

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 16/200

Skipped Questions 109/2

Unattempted Questions 75/200

Flagged Questions 0/2

BIOLOGY

Remaining Tim

03 : 03 : 32

Question 23 of 200

The reflexes such as vomiting, coughing, and sneezing are controlled by which of the following?

a) Pons

b) Cerebrum

c) Cerebellum

d) Medulla oblongata

< Previous

Skip >

CamScanner

Question 21 of 200

Which of the following is responsible for giving firmness and box shape to plant cells?

a) Cell wall

b) Cell wall and vacuole

c) Nucleus and vacuole

d) Cell membrane

< Previous

Skip >

Question 19 of 200

Which cell organelle is incorrectly matched with its"function?

a) Chloroplast – carbon fixation

(b) Mitochondria -"ATP synthesis

c) Cell membrane – cell recognition

d) Golgi apparatus — intracellular digestion

CamScanner

BIOLOGY

Remaini
03 : 0

Question 18 of 200

In a eukaryotic cell, where are the proteins for electron transport cha
located?

a) Smooth endoplasmic reticulum

b) Rough endoplasmic reticulum

c) Mitochondria

d) Cell membrane

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 16/200

Skipped Questions 106/20

Unattempted Questions 78/200

Flagged Questions 0/20

BIOLOGY

Remaining Time 03 : 03 : 56

c) Hydrophilic interactions between falty acid tails

d) Hydrogen bonding between fatty acid tail s

Previous

Skip

CamScanner

BIOLOGY

Rem
03

Question 14 of 200

The fibrous proteins are ___ in aqueous medium

a) soluble

b) insoluble

c) least soluble

d) readily soluble

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions 86/200

Flagged Questions

BIOLOGY

Remain

03 : 0

Question 12 of 200

Glucose and Ribose form ring structures when :

a) React with an appropriate enzyme

b) Dissolved in water

c) Immersed in oil

d) They are in crystalline state

Previous

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions 99/

.tUńa€empted QtiŃilO't/'ii•' 86/200

Flagged Questions 0/

Remaining Tu

03 : 06 :

BIOLOGY

ue tio 12 o 20

Glucose and Rlbose form ring strucNres when :

a) React with an appropŃate enzyme

t b) DisSO!VE:d in" water

c) Immersed in oil

d) They are in crystalline state

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions 97/20

Unattempted Questions 88/200

Flagged Questions 0/20

BIOLOGY

Remaining Time 03 : 06 : 36

Question 10 of 200

How many phosphate groups are present in nicotinamide adenine dinucleotide phosphate?

a) 1

b) 2

c) 3

d) 4

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions 91/200

Flagged Questions

Remaining

BIOLOGY

03 : 06

Question Y of ZOO

If gly O) ys is, tge convem\on of Glucose-6-phosphate to Fructose-6-phosphate involves:

a) Phosphorylation

s; o•iaaGon

c) isomerization

d\ Reduction

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions 96/

Unattempted Questions 89/200

Flagged Questions 0/

BIOLOGY

Remaining Tim

03 : 06 : 4

Question_9 of_2#_t}

Which of the following is the best alternative term for ATP?

a) Ribonucleoñde triphosphate

b) Ribonucleotide

c) Nucleoside triphosphate

d) Nucleotide

Previous

Skip

CamScanner

Attempted Questions 15/200

Skipped Questions 92

Unattempted Questions 93/200

Flagged Questions 0

BIOLOGY

Remaining Ti

03 : 07 :

Question 5 of 200

The quantitative study of energy relationship in a biological system is called?

a) Bioenergetics

b) Biochemistry

c) Biotechnology

d) Biophysics

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions 89

Unattempted Questions 96/200

Flagged Questions

BIOLOGY

Remaining T

03 : 09 :

Question 2 of 200

The HIV genetic information flows from viral _____, and used to form viral _____.

a) RNA to DNA : RNA and protein

b) DNA to RNA : DNA and protein

c) DNA to RNA : RNA and protein

d) RNA to protein : RNA and protein

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 15/200

Skipped Questions

Unattempted Questions 99/200

Flagged Questions

ENGLISH

Question 192 of 200

Which one is correct?

a) The people whom will help you find a job are here.

b) The people who will help you find a job are here.

c) The people who will help you find a job were here.

d) The people who will help you found a job are here.

< Previous

Skip >

CamScanner

ENGLISH

Question 191 of 200

Choose the correct spelling of the word

a) Bilding

b) Buillding

c) Building

d) Bulding

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 104/200

Flagged Questions

ENGLISH

Rem

03

Question 187 of 200

You have to wait. He'll be with you _____ a minute.

a) in

b) on

c) at

d) of

< Previous

Skip >

Question 186 of 200

I'll show you a picture _____ the palace.

a) off

b) of

c) in

d) at

< Previous

Question 183 of 200

Find the correctly spelt word

a) Sovereign

b) Soveregn

c) Soverean

d) Soverein

< Previous

Skip >

Question 185 of 200

She said that she was happy. Which **type** of narration is usea twre7

a) Indirect

c) Simple

d} Complex

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 114/200

Flagged Questions

ENGLISH

Remain

03 : 1

Question 177 of 200

I dăm țike doing _____ esPecially mgpyjtjg tf'le floor.

a) horNOWO

b) «OUSîe chores

c) pouse-job

d) jobs

Skip >

< Previous

CamScanner

ENGLISH

Remaining Tim
03 : 10 : 5

Question 181 of 200

A white ball _____ for the first time in the 1992 Cricket World Cu

a) used

b) was used

c) had used

d) has been used

< Previous

Skip >

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Q‹/cslion 179 of 200

Give her a breah. It WîSS FIDt her _____that the bus arrived late.

a) blame

b) error

c) crime

d) fault

Question 17/i of 200

y p4? /yi€¥s jc depeyjds upon the gireCtioI¢ are colle<I:

a) Isotopic properties

b) AnisoLopic propeoies

c) Additive properties

d) Colligative properties

< Previous

CHEMISTRY

Question 175 of 200

The following are anisotropic properties except:

a) Refractive index

b) Thermal conductivity

c) Electrical conductivity

d) Melting points

Question 174 of 200

The basic hydrolysis of ethyl acetate produces?

a) Ethanol and sodium acetate

b) Ethanol and acetic acid

c) Ethanol

d) Formic acid

< Previous

Skip

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 67/200

Unattempted Questions 119/200

Flagged Questions 0/200

CHGMISTRY

Remaining Time 03 : 12 : 23

Question 172 of 200

SaIQ of carboxylic acids can be converted into corresponaing carboxylic acid by Oeañng with

a) water

b) base

c) acid anhydrides

d) acid

Previous

Skip

CamScanner

CHEMISTRY

Question 170 of 200

Acetone is less reactive than acetaldehyde due to:

b) Benedict's Reagant

; G) Gfigcard's reagant

d) Millon's reagant

atom.

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 6

unaaemptæ Questions 125/200

Flagged Questions

CHEMISTRY

Remaining 03 : 13

Question 1ü6 of 200

Which of the followÏcg reactï'ui»[1]ai« jjiven by alcohol and phenol boQ“:

a) EsterificaGon

b) NiVosaôon

c) Amide formation

d) Lucas Reaction

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 127/200

Flagged Questions

CHEMISTRY

Remaining 03 : 13

Question 164 of 200

Which one of the following is a strong Nucleophile?

a) Cl-

b) Br-

c) OH-

d) HSO4-

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 5

Unattempted Questions 128/200

Flagged Questions

CHEMISTRY

Remaining

03 : 13

Question 163 of 200

The correct name of CH_2Cl_2 is:

a) Methyl chloride

b) Methylene chloride

c) Chloroform

d) Carbonyl chloride

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 55

Unattempted Questions 131/200

Flagged Questions

CHEMISTRY

Remaining T

03 : 13 :

Question 160 of 20O

Benzene is more stable than hypothetical 1,3,5-cyclohexatriene by:

a) 150.S ¥*Jlmol*

b) 150.5 *Jlmol*

c) 150.5 kJ/molecule

d) 150.5 J/molecule

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 54

Unattempted Questions 132/200

Flagged Questions 0

CHEMISTRY

Remaining T

03 : 13 :

Question 159 of 200

The C-C bond length in benzene is:

a) 1.39 Angstrom

b) 1.20 Angstrom

c) 1.34 Angstrom

d) 1.54 Angstrom

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 52/200

Unattempted Questions 134/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 14 : 08

Question 157 of 200

Conversion of straight chain hydrocarbons into branched chain is called as_____?

a) Reforming

b) Cracking

c) Isomerization

d) Decomposition

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 49/20

Unattempted Questions 137/200

Flagged Questions 0/20

CHEMISTRY

'nemainlng Time

03 : 14 : 28

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 50

Unattempted Questions 136/200

Flagged Questions 0

CHEMISTRY

Remaining T

03 : 14 :

Question 155 of 200

Which of the following has anti knocking properties?

a) $(CH_3CH_2)_4Sn$

b) $(CH_3CH_2)_4Pb$

c) $(CH_3CH_2)_4Ge$

d) $(CH_3CH_2)_4Si$

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Una«emgted questions 1 00

Flagged Questions

CHEMISTRY

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03 : 14

Qu.esttojs_ _153_¿if _20#

The color of Zn*° compounds is:

a) Yellow

b) Black

c) Blue

d) Colorless

Skip >

< Previous

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 140/200

Flagged Questions

CHEMISTRY

Rema

03 :

Question 151 of 200

Which of the following has highest atomic size?

a) Be

b) Mg

c) Ca

d) Ba

Previous

Skip

CS Scanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 45/200

Unattempted Questions 141/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 14 : 54

Question 150 of 200

Shielding effect in 3rd period of periodic table:

a) Increases from left to right.

b) Decreases from left to right.

c) May increase or decrease

d) Remain unchanged

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200

Unattempted Questions 146/200

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Flagged Questions

Remaining Ti

03 : 15 :

CHEMISTRY

CLuestLon 't45¿if 2Ţljţ

Oxidation number of a substance in eiemental fom is:

a) 0

b) Positive

c) NegaCve

d) Fraction«I

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 3

Unattempted Questions 149/200

Flagged Questions

CHEMISTRY

Remaining 03 : 15

Question 142 of 200

Which one of the following is the correct demonstration of first law of thermodynamics?

a) $\Delta H = qw$

b) $\Delta H = q - \Delta P \Delta V$

c) $\Delta H = q + w$

d) $\Delta E = q + w$

< Previous

Skip >

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PMC EXAMS

Attempted Questions 14/200

Skipped Questions 38/2

Unaftempted Quœlions 148/200

Flagged Questions 0/2

Remaining Tir

03 : 15 : 38

CHEMISTRY

Question 143 of 200

In the air, N2 and O2 occur naturally but they do not react to form oxides ‹ niPogen because

a ides n oBe!"! a*re un stable

b) catalyst is required for the reaction

c) the reaction is endothermic

d) 7J2 and 02 do not re.art with ench oth°.r

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 33/20

Unattempted Questions 153/200

Flagged Questions 0/20

CHEMISTRY

Remaining Time 03 : 16 : 13

Question 138 of 200

The pH of an acidic Buffer depends upon the concentration of acid, concnetration of salt and:

a) pka of acid used in it.

b) pH of acid used in it.

c) pkb of base used in it.

d) pOH of base used in it.

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 14/200	Skipped Questions 34/200
Unattempted Questions 152/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 16 : 06

Question 139 of 200

For a particular reversible reaction if, [Products]/[Reactants]>Kc it means that:

a) More products are needed to attain equilibrium

b) There are more reactants in the system

c) More Reactants are needed to attain equilibrium

d) The reaction will move forward to attain equilibrium

< Previous Skip >

CamScanner

EXAMS

Attempted Questions 14/200

S i u ns 3

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Flagged Questions 0

CHEMISTRY

RemainingT

03 : 16 :

D1¿esjion 13_}_of 2_tij?

What will happenes to the KCIO‹ when KCI is added to its solution in water?

a) Its solubillty Increases

b) Its solubility decreayes

c) concentr.1tion of CI ian decreases

d) concentration of ClO_3^- ion increases

Previous

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CamScanner

PMC EXAMS

Attempted Questions 14/200

Skipped Questions

Unattempted Questions 156/200

Flagged Questions

Rem

CHEMISTRY

03

Question 135 of 200

Which of the following solid has indefinite heat of fusion?

a) Crystalline solids

b) Pure solids

c) True solids

d) Amorphous solids

< Previous

Skip >

CS mScanner

Attempted Questions 14/200

Skipped Questions 2'

Unattempted Questions 1'59/2'Do

Flagged Questions

CHEMISTRY

Remaining 03 : 16 :

Question 132 of ¿¡¿¿¡

Spreading of scent in the air is due to:

a) Diffusion of gas molecules

b) Effusion of gas molecules

c) Volume of o•*

d] Temper atue of gas

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 14/200	Skipped Questions 26/200
Unattempted Questions 160/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 17 : 02

Question 131 of 200

Which of the following postulate of kinetic molecular theory does not hold at high temperature and pressure?

a) Gases are considered to be composed of minute discrete particles called molecules.

b) The molecules move in straight line.

c) The pressure of gas is produced due to the collision of molecules with the wall of container.

d) The volume occupied by the gas molecules is negligible as compared to the the total volume of the gas.

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions

Skipped Questions

Una ttempted QuestDns 163/200

Flagged Questions

Remain 03 : 1

CHEMISTRY

uestion 128 of 00

How many electrons are present in the orbital having nx1, I=0, m= 0?

a) 3

b) 2

c) 4

d) 5

PMC EXAMS

Attempted Questions 14/200

Skipped Questions 19

Unattempted Questions 167/200

Flagged Questions

CHEMISTRY

Remaining 03 : 17

Question 124 of 200

The amount of reactant according to the balanced chemical equation is called as?

a) Theoretical amount

b) Actual amount

c) Limiting amount

d) Stoichiometric amount

< Previous

Skip >

CamScanner

Attempted Questions 14/200

”’^'•’•P••***‹•=*•••• 166/200

Flagged Questions

CHEMISTRY

03

Lt0*tiOn 12S of 700

What Mass is the mass of 2 dm’ of oxygen at S.T.P?

z) 1.42g

b) 2.22g

c) 3.2q

d} 2 8*•o

Skip >

< Previous

CamScanner

PMC EXAMS

Attempted Questions 14/200	Skipped Questions 16/200
Unattempted Questions 170/200	Flagged Questions 0/200

Remaining Time 03 : 18 : 22

PHYSICS

Question 121 of 200

The electromagnetic radiation which moves with high frequency will have ____ wavelength:

a) Short

b) Long

c) Unchanged

d) Variable

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 13/200

Skipped Questions

Unattempted Questions 176/200

Flagged Questions

PHYSICS

Re

0

Question 115 of 200

When gamma photon is entered in nucleus it_____:

a) De-excite the nucleus

b) Excite the nucleus

c) Scatter by nucleus

d) No effect on nucleus

Previous

Skip

CamScanner

Attempted Questions 16200

Skipped Quœtions

unaRemptedQuestlons 172/200

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Rer

03

PHYSICS,

Question 118 of:jfj0

Blachbody ShOW !à_____spectra:

a) Continuous

b) Discrète

c) Band

d) Line

< Previous

Next >

CamScanner

EXAMS

Attempted Questions ”1Ü gg”

Skipped Questions 13/

Una€emptedOuœtÖns 174/200

Flagged Questions 0/

PHYSICS

Remaining Tin

03 : 18

Question 117 of 2@0

Photons of energy 10.25 eV fall on the surface of the metal emitting photoelecwons of maximum kinetic energy 5.0 eV. What is the stopping voltage required for thèse electrons?

a) 10V

b) 8V

c) 5V

d) 4V

Previous

Skip

CamScanner

Attempted Questions 13/200

Skipped Questions

Unattempted Questions 178/200

Flagged Questions

PHYSICS

Question 113 of 200

AC generator converts_____ energy:

a) Mechanical to electrical

b) Electrical to mechanical

c) Electrical to heat

d) Heat to electrical

< Previous

PMC

< Previous

Skip >

Unattempted Questions 175/200

CamScanner

PHYSICS

Question 116 of 200

In annihilation process particles move in:

a) SZlmt direction

b) Opposit0 direction

c) PerpendiCUibl direCiion

d) Remain stationary

CamScanner

PMC
EXAUS

Attempted Questions 13/200

Skipped Questions

Unattempted Questions 177/200

Flagged Questions

PHYSICS

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03

\ÿ¿;_e¿tion 114 of 20j3

A ftJII wäve recti7‹er passes _____into positive cycles:

!j a) lower hall cycle

b) upper half cycte

c) botI1 lower and upper hall cycles

d) One quater cycle

Skip >

< Previous

CamScanner

Skipped Question

Attempted Questions 13/200

UnaxemQæ QuesDns 184/200

Flagged Question

PHYSICS

Question 107 of 200

Magnetic field outside of a long solenoid is:

a) -Varÿing with radial distance "*

b) Uniform

c) Zero

d) Ńot ünougË ł»źori1ñzïźcn

Skip >

< Previous

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Attempted Questions 13/200

Skipped Questions

Unattempted Questions 181/200

Flagged Questions

PHYSICS

@e»1ro.¿¿.¿j@j+_f 20¿j

Eddy c/urrents flow in•.

a) Opén loops

b) Clo"sed toogs

cJ Straight lines

d) Vertical loogs

Previous

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CamScanner

PMC EXAMS

Attempted Questions 13/200

Skipped Questions

Unattempted Questions 185/200

Flagged Questions

PHYSICS

R‹

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Magnetic field inside a long solenoid is:

a) Varying with radial distance

b) Uniform

c) Zero

d) Notenoug|ainforn Won

< Previous

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Attempted Questions 9/200

Skipped Quest

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Flagged Quest

PHYSICS

Question 100 of !*""

ElecVic current may be defined as:

a) Rate of floW of charge

b) Rzte of flow of mOr¢ef*t!LJ***

c) gy{. gy ggyy g{ power

d) R•*e of fl=*• gf €nergY

Previous

Skip

PMC EXAMS

Attempted Questions '\S200

Skipped Questions

Unattempted Questions 1B6/200

Flagged Questions

Remainlng 03 : 21

PHYSICS

Question ñj\Vj¿if.2j30

SI Unit of current is ?

a) Ampere

b) Volt

c) Joules

d) Watt

CamScanner

PMC EXAMS

Attempted Questions 11/200

Skipped Questions 1/2

Unattempted Questions 188/200

Flagged Questions 0/2

PHYSICS

Remaining Tim

03 : 21 : 4

Question 103 of 200

_____ relationship exists between current and voltage in terms of Ohm's law:

a) Non linear

b) Varying

c) Linear

d) Alternating

Previous

Skip

CamScanner

PMC EXAMS

Attempted Questions 3/200

Skipped Questions

Unattempted Questions 197/200

Flagged Questions

LOGICAL REASONING

Remain

03 : 2

Question 197 of 200

"Pick the word which is always associated with ""books""."

a) Pages

b) Learning

c) Pictures

d) Eraser

< Previous

Skip >

CamScanner

PMC EXAMS

Attempted Questions 11/200

Skipped Questions

Unaflemptæ Quœtions 189/200

Flagged Questions

PHYSICS

Remaining 03 : 21

Question 102 of 200

Which equation represents the *maximum* output power of source?

a) P= VI

b) P I*2 R

c) P = V^2/R

d) P = E*2/4R

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PMC EXAMS

Attempted Questions 1/200

Skipped Questions 0/20

Unattempted Questions 199/200

Flagged Questions 0/20

LOGICAL REASONING

Remaining Time 03 : 29 : 02

Question 195 of 200

Statement: The local cooperative credit society has decided to stop giving loans to farmers with immediate effect. A large number of credit society members have withdrawn a major part of their deposits from the credit society.

a) Statement I is the cause and statement II is its effect

b) Statement II is the cause and statement I is its effect

c) Both the statements I and II are independent causes

d) Both the statements I and II are effects of some common cause

PMC EXAMS

Attempted Questions 0/200	Skipped Questions 0/200
Unattempted Questions 200/200	Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 29 : 34

Question 1 of 200

Which of the following was the first virus isolated and studied under the electron microscope:

a) HIV

b) Rabies Virus

c) Pox viruses

d) TMV

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	0/200
Unattempted Questions	200/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 57 : 02

Question 1 of 200

Which of the following was the first virus isolated and studied under the electron microscope:

a) HIV

b) Rabies Virus

c) Pox viruses

d) TMV

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	1/200
Unattempted Questions	199/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 57 : 01

Question 2 of 200

The HIV genetic information flows from viral _____, and used to form viral _____.

a) RNA to DNA : RNA and protein

b) DNA to RNA : DNA and protein

c) DNA to RNA : RNA and protein

d) RNA to protein : RNA and protein

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	2/200
Unattempted Questions	198/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 56 : 31

Question 3 of 200

Reverse transcription, carried out by retroviruses, is the process by which?

a) RNA is duplicated

b) DNA is duplicated

c) RNA information is copied into DNA

d) DNA information is copied into RNA

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	3/200
Unattempted Questions	197/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 56 : 30

Question 4 of 200

Which of the following is NOT true about viruses?

a) Obligate intracellular parasite

b) Self replicating

c) Acellular

d) Uses host machinery

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	4/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 56 : 28

Question 5 of 200

The quantitative study of energy relationship in a biological system is called?

a) Bioenergetics

b) Biochemistry

c) Biotechnology

d) Biophysics

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	5/200
Unattempted Questions	195/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 56 : 27

Question 6 of 200

Which of the following chemical activity is involved in the conversion of pyruvate into acetaldehyde during anaerobic respiration?

a) Reduction

b) Decarboxylation

c) Oxidation

d) Phosphorylation

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	124/200
Unattempted Questions	76/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 05

Question 7 of 200

In glycolysis, the conversion of Glucose-6-phosphate to Fructose-6-phosphate involves:

a) Phosphorylation

b) Oxidation

c) Isomerization

d) Reduction

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	125/200
Unattempted Questions	75/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 03

Question 8 of 200

Which of the following releases 7.3 Kcal energy when terminal phosphate is lost?

a) NADP

b) ADP

c) ATP

d) FAD

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	126/200
Unattempted Questions	74/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 02

Question 9 of 200

Which of the following is the best alternative term for ATP?

a) Ribonucleotide triphosphate

b) Ribonucleotide

c) Nucleoside triphosphate

d) Nucleotide

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	127/200
Unattempted Questions	73/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 01

Question 10 of 200

How many phosphate groups are present in nicotinamide adenine dinucleotide phosphate?

a) 1

b) 2

c) 3

d) 4

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	128/200
Unattempted Questions	72/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 00

Question 11 of 200

If an mRNA consists of 150 nucleotides, how many amino acids would be present in the polypeptide which is encoded by this mRNA?

a) 50

b) 100

c) 150

d) 300

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	129/200
Unattempted Questions	71/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 58

Question 12 of 200

Glucose and Ribose form ring structures when :

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a) React with an appropriate enzyme

b) Dissolved in water

c) Immersed in oil

d) They are in crystalline state

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Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	130/200
Unattempted Questions	70/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 57

Question 13 of 200

Most abundant organic compounds to be found in cells :

a) Proteins

b) Carbon

c) Nucleic acids

d) Lipids

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	131/200
Unattempted Questions	69/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 56

Question 14 of 200

The fibrous proteins are ___ in aqueous medium

a) soluble

b) insoluble

c) least soluble

d) readily soluble

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	132/200
Unattempted Questions	68/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 54

Question 15 of 200

At least, how many carbon atoms must be found in an amylose starch?

a) 7

b) 66

c) 70

d) Many thousands

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	133/200
Unattempted Questions	67/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 53

Question 16 of 200

Which of these cell organelles are involved in the synthesis of new plant cell walls?

a) Rough endoplasmic reticulum

b) Smooth endoplasmic reticulum

c) Golgi complex

d) Cell membrane

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	134/200
Unattempted Questions	66/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 50

Question 17 of 200

The protoplast of a plant cell does not include:

a) Cell wall

b) Cell membrane

c) Vacuoles

d) Nucleus

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	135/200
Unattempted Questions	65/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 48

Question 18 of 200

In a eukaryotic cell, where are the proteins for electron transport chain located?

a) Smooth endoplasmic reticulum

b) Rough endoplasmic reticulum

c) Mitochondria

d) Cell membrane

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	136/200
Unattempted Questions	64/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 47

Question 19 of 200

Which cell organelle is incorrectly matched with its function?

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a) Chloroplast – carbon fixation

b) Mitochondria – ATP synthesis

c) Cell membrane – cell recognition

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d) Golgi apparatus – intracellular digestion

< Previous Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	137/200
Unattempted Questions	63/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 45

Question 20 of 200

Which interactions are responsible for the formation of lipid bilayer in the watery environment of the body?

a) Hydrophobic interactions between fatty acid tails

b) Hydrophobic interactions between phosphate heads

c) Hydrophilic interactions between fatty acid tails

d) Hydrogen bonding between fatty acid tails

< Previous Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	138/200
Unattempted Questions	62/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 44

Question 21 of 200

Which of the following is responsible for giving firmness and box-like shape to plant cells?

a) Cell wall

b) Cell wall and vacuole

c) Nucleus and vacuole

d) Cell membrane

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	139/200
Unattempted Questions	61/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 42

Question 22 of 200

Golgi complex was discovered by which scientist?

a) Robert Brown

b) Camillo Golgi

c) De Duve

d) Robert Hooke

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< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	140/200
Unattempted Questions	60/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 40

Question 23 of 200

The reflexes such as vomiting, coughing, and sneezing are controlled by which of the following?

a) Pons

b) Cerebrum

c) Cerebellum

d) Medulla oblongata

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	141/200
Unattempted Questions	59/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 38

Question 24 of 200

The disorder of the nervous system which occurs because of the disturbance of the supply of blood to the nervous system is called?

a) Muscular disorders

b) Vascular disorders

c) Functional disorders

d) All of these

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	142/200
Unattempted Questions	58/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 36

Question 25 of 200

The disorder in which the one or more muscle groups faces the full loss of function is called?

a) Cirrhosis

b) Angina

c) Epilepsy

d) Paralysis

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	143/200
Unattempted Questions	57/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 33

Question 26 of 200

Abnormal and excessive discharge of nerve impulses in the brain is called?

a) Cirrhosis

b) Angina

c) Stroke

d) Epilepsy

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	144/200
Unattempted Questions	56/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 33

Question 27 of 200

The disorder which is caused when cones cannot distinguish between different colors is called?

a) Short sighted vision disorder

b) Night blindness

c) Long sighted vision disorder

d) Color blindness

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	145/200
Unattempted Questions	55/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 30

Question 28 of 200

The photosensitive cells present in the retina that are sensitive to dim light are called?

a) Optical disc

b) Rods

c) Cones

d) Ligaments

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	146/200
Unattempted Questions	54/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 29

Question 29 of 200

Which of the following invertebrate phylum consists of the most abundant species on planet Earth:

a) Porifera

b) Cnidaria

c) Arthropoda

d) Mollusca

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	147/200
Unattempted Questions	53/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 27

Question 30 of 200

Which among the following lacks the nervous system

a) Flat worms

b) Annelida

c) Cnidaria

d) Sponge

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	148/200
Unattempted Questions	52/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 25

Question 31 of 200

Which statement correctly outlines the reason for divergent evolution hypothesis of echinoderms and hemichordates?

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a) Blastopore forms the anus

b) They are both aquatic

c) They have a well-developed circulatory system

d) They have dorsal nerve cord

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	149/200
Unattempted Questions	51/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 23

Question 32 of 200

What is correct about triploblastic animals?

a) They all show bilateral symmetry.

b) They show radial as well as bilateral symmetry.

c) They are all protostomes.

d) They are all deuterostomes.

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	150/200
Unattempted Questions	50/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 21

Question 33 of 200

Which of the following react with enzyme at other than active site?

a) Activator

b) Coenzymes

c) Competitive inhibitor

d) End product inhibitor

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	151/200
Unattempted Questions	49/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 19

Question 34 of 200

An enzyme can :

a) Maintain the biochemical reaction

b) Decrease the biochemical reaction

c) Lower the need of activation energy

d) Be the substitute of activation energy

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	152/200
Unattempted Questions	48/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 17

Question 35 of 200

A non-protein chemical compound which is required for enzyme's catalytic activity is?

a) Substrate

b) Co-factor

c) DNA

d) RNA

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Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	153/200
Unattempted Questions	47/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 15

Question 36 of 200

Which of the following is the optimum temperature for all enzymes to work in body?

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a) 0 °C

b) 15 °C

c) 25 °C

d) 37 °C

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Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	154/200
Unattempted Questions	46/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 12

Question 37 of 200

What does the active site of the enzyme do?

a) Looks like a lump projection from the surface of an enzyme

b) Forms no chemical bond with substrate

c) Never changes

d) Determines by its structure the specificity of an enzyme

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	155/200
Unattempted Questions	45/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 11

Question 38 of 200

Which of the following is the major souce of variation in the origin of new species ?

a) Migration

b) Mutation

c) Selection

d) Genetic drift

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	156/200
Unattempted Questions	44/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 10

Question 39 of 200

According to Hardy-Weinberg theorem, the sum of recessive and dominant gene frequencies is equal to:

a) Gene pool of the the trait in the population

b) Population density

c) Total number of heterozygotes

d) Total number of homozygotes

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	157/200
Unattempted Questions	43/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 02 : 52 : 07

Question 40 of 200

Change in the frequency of alleles at a locus that occurs by chance is called:

a) Genetic drift

b) Mutation

c) Emmigration

d) Immigration

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	158/200
Unattempted Questions	42/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 06

Question 41 of 200

According to Hardy-Weinberg theorem, the sum of recessive homozygotes, dominant homozygotes and heterozygotes is equal to 1, what is represented by 1?:

a) Gene pool of the the trait in the population

b) Population density or total number of individuals in the population

c) Total number of heterozygotes

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	159/200
Unattempted Questions	41/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 52 : 00

Question 42 of 200

Which of the following nutrient is mainly provided by insects feeding to carnivorous plants?

a) Magnesium

b) Nitrogen

c) Carbon

d) Oxygen

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 160/200

Unattempted Questions 40/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 59

Question 43 of 200

Chlorosis in plants is basically due to lack of:

a) Magnesium or nitrogen

b) Carbon or Hydrogen

c) Magnesium or Iron

d) Bright sunlight

< Previous

Skip >

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PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	161/200
Unattempted Questions	39/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 51 : 57

Question 44 of 200

Small insects fall into pitcher plant cannot climb out due to presence of:

a) Nutrients

b) Decomposers

c) Enzymes

d) Stiff hair

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 162/200

Unattempted Questions 38/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 57

Question 45 of 200

In sundew the leaves:

a) Form flask shaped structure

b) Bilobed structure with midrib

c) Have hair like tentacles

d) Have nodes

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 163/200

Unattempted Questions 37/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 54

Question 46 of 200

Vena-cava receives deoxygenated blood of kidney through :

a) Hepatic vein

b) Renal vein

c) Subclavian vein

d) Renal artery

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 164/200

Unattempted Questions 36/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 52

Question 47 of 200

Which is incorrect for cardiac muscles?

a) Show involuntary control

b) Branched cells

c) Have no striations

d) Have intercalated disc

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 165/200

Unattempted Questions 35/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 50

Question 48 of 200

The medium through which exchange of material between blood and cells occurs is

a) Interstitial fluid

b) Cytoplasm

c) Water

d) Lymph

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 166/200

Unattempted Questions 34/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 48

Question 49 of 200

Nitrifying bacteria belong to following group :

a) Chemosynthetic

b) Photosynthetic

c) Parasitic

d) Pathogenic

< Previous

Skip >

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PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	167/200
Unattempted Questions	33/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 51 : 46

Question 50 of 200

The chemical substances that are used to inhabit the growth of micro organism on living surfaces, are called:

a) Disinfectants

b) Chemotherapeutics

c) Vaccines

d) Antiseptics

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 168/200

Unattempted Questions 32/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 45

Question 51 of 200

Which of the following provides resistance against high temperature?

a) Cysts

b) Spores

c) Cell wall

d) Capsules

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 169/200

Unattempted Questions 31/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 42

Question 52 of 200

Photosynthetic bacteria have the ability to release:

a) Sulphur

b) Oxygen

c) Hydrogen

d) Carbon dioxide

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 170/200

Unattempted Questions 30/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 39

Question 53 of 200

For sterilization purpose, generally X-rays are used which cause:

a) Mutation in bacterial genome

b) Denaturation of bacterial proteins

c) Inactivation of bacteria

d) Bacteria to become pathogen

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 171/200

Unattempted Questions 29/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 38

Question 54 of 200

If the sperms are too weak to fertilize the egg in oviduct, which of the following procedure can be used to overcome this problem of infertility?

a) In vitro fertilization

b) Incubation

c) Hatching

d) Amniocentesis

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	172/200
Unattempted Questions	28/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 51 : 36

Question 55 of 200

When puberty is achieved in girls, which one of the following occurs in them but not in boys?

a) Excessive growth of hairs on skin

b) Pubic hair growth

c) Menarche

d) Heaviness of voice

Previous Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 173/200

Unattempted Questions 27/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 34

Question 56 of 200

Which one of the following occurs at puberty in boys?

a) Ovulation

b) Pubic hair growth

c) Hips broaden

d) Menarche

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 174/200

Unattempted Questions 26/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 32

Question 57 of 200

Gonadotropin releasing hormone is secreted by:

a) Hypothalamus

b) Pituitary gland

c) Thyroid

d) Parathyroid gland

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 175/200

Unattempted Questions 25/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 28

Question 58 of 200

The release of ovaum from ovary is called:

a) Lactation

b) Ovulation

c) Placentation

d) Menstruation

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 176/200

Unattempted Questions 24/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 27

Question 59 of 200

Which of the following is the separation point between two sarcomere?

a) H-zone

b) A-band

c) Z-line

d) M-line

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 177/200

Unattempted Questions 23/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 26

Question 60 of 200

Many sarcomere placed end to end and form a:

a) Muscle

b) Fiber

c) Myofibril

d) Muscle fiber

< Previous

Skip >

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PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 178/200

Unattempted Questions 22/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 24

Question 61 of 200

Cardiac muscles are the muscles of:

a) Aorta

b) Cornary vein

c) Heart

d) Liver

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 179/200

Unattempted Questions 21/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 22

Question 62 of 200

Which one of the following is the character of Cardiac Muscles?

a) Made up of unstrained and branched cells

b) Voluntary in action

c) Self excitatory or myogenic

d) Striated and unbranched

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 180/200

Unattempted Questions 20/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 20

Question 63 of 200

Physical appearance of a trait is called:

a) Genotype

b) Alleles

c) Phenotype

d) Genome

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 181/200

Unattempted Questions 19/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 19

Question 64 of 200

Homozygous dominants are represented with a :

a) Lower case letter

b) Roman numeral

c) Capital letter

d) Numerical value

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 182/200

Unattempted Questions 18/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 51 : 17

Question 65 of 200

The alternative form of a given gene is called:

a) Trait

b) Phenotype

c) Allele

d) Genotype

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	183/200
Unattempted Questions	17/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 51 : 15

Question 66 of 200

A man receives his X chromosome from:

a) His mother only

b) Part from his father and part from his mother

c) His father only

d) Either his mother or his father, it depends upon luck

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	184/200
Unattempted Questions	16/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 51 : 14

Question 67 of 200

"Which of the following is the most suitable term for the genotype ""AaBb"""

a) Homozygous recessive

b) Homozygous dominant

c) Heterozygous

d) Heterozygous dominant

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	185/200
Unattempted Questions	15/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 51 : 12

Question 68 of 200

A diseased man marries a normal woman They have five daughters and three sons All the daughters were diseased and sons were normal The gene of this disease is:

a) X-linked dominant

b) X-linked recessive

c) Autosomal recessive

d) Autosomal dominant

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 51 : 10

Question 68 of 200

The value of acceleration due to gravity:

a) Is same on equator and poles

b) Is least on poles

c) Is least on equator

d) Increases from pole to equator

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 187/200

Unattempted Questions 13/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 51 : 08

Question 70 of 200

In the absence of air resistance, an object thrown into the air at an angle of 20 degrees to the ground will experience:

a) Constant vertical acceleration

b) Changing vertical acceleration

c) Changing horizontal acceleration

d) Constant (non zero) horizontal acceleration

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	188/200
Unattempted Questions	12/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 51 : 05

Question 71 of 200

Ali punches a mattress and then punches a wall with the same force. Why does Ali experience more pain while striking the wall?

a) The rate of change of momentum while striking the wall is lower

b) The rate of change of momentum while striking the wall is higher

c) The wall does not move

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 189/200

Unattempted Questions 11/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 51 : 04

Question 72 of 200

Which of the following is true about newton's laws of motion?

a) One of them is not related to forces

b) Two of them are not related to forces

c) All of them are related to forces

d) One of them is related forces

< Previous

Skip >

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PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	190/200
Unattempted Questions	10/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 02 : 51 : 03

Question 73 of 200

When body moves ___ always changes:

a) Velocity

b) Acceleration

c) Mass

d) Force

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 191/200

Unattempted Questions 9/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 51 : 01

Question 74 of 200

The projectile motion covers maximum range:

a) Horizontally

b) Vertically

c) Tangentially

d) Linearly

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	192/200
Unattempted Questions	8/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 51 : 00

Question 75 of 200

The engine of vehicle delivers constant power and moves up on the inclined plane. Then its velocity:

a) Must remain constant

b) Must increase

c) Must decrease

d) Remains zero

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 193/200

Unattempted Questions 7/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 50 : 57

Question 76 of 200

1 kilowatt = ____ Watts

a) 2000 watts

b) 1000 watts

c) 300 watts

d) 100 watts

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	194/200
Unattempted Questions	6/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 02 : 50 : 55

Question 77 of 200

The formula to estimate P.E is:

a) F.d

b) mgh

c) kx

d) mvr

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 195/200

Unattempted Questions 5/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 50 : 54

Question 78 of 200

The K.E of object at rest is:

a) Maximum

b) Negative

c) Zero

d) Constant

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 196/200

Unattempted Questions 4/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 50 : 52

Question 79 of 200

The direction associated with angular displacement is given by:

a) Left-hand rule

b) Head to tail rule

c) Right-hand rule

d) Fleming's rule

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 197/200

Unattempted Questions 3/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 50 : 50

Question 80 of 200

An object travelling in a circle at 2 revolutions per second has an angular velocity of:

a) 12.9 rad/s

b) 13.3 rad/s

c) 12.6 rad/s

d) 14.6 rad/s

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 198/200

Unattempted Questions 2/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 50 : 48

Question 81 of 200

One complete revolution of an object covers _____ angle in degree

a) 180

b) 90

c) 360

d) 270

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	199/200
Unattempted Questions	1/200	Flagged Questions	0/200

Remaining Time 02 : 50 : 47

PHYSICS

Question 82 of 200

Earth revolution in 24 hours covers angle:

a) 90

b) 60

c) 57.3

d) 360

Previous

Skip/End Exam

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 27/200

Unattempted Questions 173/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 48

Question 83 of 200

Example of mechanical waves is:

a) Transverse wave

b) Longitudinal wave

c) Both transverse and longitudinal wave

d) Compressional waves

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 28/200

Unattempted Questions 172/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 46

Question 84 of 200

Microwave is:

a) An electromagnetic wave

b) Sound wave

c) Longitudinal wave

d) Standing wave

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 29/200

Unattempted Questions 171/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 45

Question 85 of 200

Pitch depends upon:

a) Frequency

b) Timbre

c) Loudness

d) Amplitude

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 30/200

Unattempted Questions 170/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 43

Question 86 of 200

The property of musical sound which differentiate between grave and shrill sound is called?

a) Pitch

b) Intensity

c) Beats

d) Quality

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 31/200

Unattempted Questions 169/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 42

Question 87 of 200

Pitch is _____ proportional to Frequency:

a) Directly

b) Inversely

c) Expoentialy

d) No effect

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 32/200

Unattempted Questions 168/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 41

Question 88 of 200

Water waves are:

a) Longitudinal waves

b) Complex waves

c) Transverse waves

d) Both longitudinal and transverse wave

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	33/200
Unattempted Questions	167/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 02 : 55 : 39

Question 89 of 200

The distance between two consecutive nodes of a stationary wave is:

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a) λ

b) $\lambda/2$

c) $\lambda/4$

d) $\lambda/6$

Previous Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 34/200

Unattempted Questions 166/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 38

Question 90 of 200

Heat capacity is defined as required to change the temperature of substance by 1 °C

a) Momentum , 1 degree C

b) Heat, 1 degree C

c) Heat, 2 degree C

d) Work , 2 degree C

Previous

Skip

Movavi Video Editor Plus

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 35/200

Unattempted Questions 165/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 36

Question 91 of 200

Molar heat capacity at constant volume is given by:

a) dQ/dV

b) dQ/dP

c) dU/dT

d) dU/dV

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	36/200
Unattempted Questions	164/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 35

Question 92 of 200

If Cp = 20 J/mol.K then for 1 mole gas we get Cv =------- . You can use Cp/Cv = 1.7.

a) 10.6 J/K.mole

b) 12.7 J/K.mole

c) 13 J/K.mole

d) 11.7 J/K.mole

Previous Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 37/200

Unattempted Questions 163/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 33

Question 93 of 200

The change in potential energy per unit charge between two points in an electric field is called:

a) Potential difference

b) Absolute potential

c) Electric intensity

d) Permittivity

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	38/200
Unattempted Questions	162/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 32

Question 94 of 200

The electric flux through the surface of the sphere is directly proportional to the

a) Surface area of the sphere

b) Radius of the sphere

c) Charge at the centre of the sphere

d) Nature of charge

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	39/200
Unattempted Questions	161/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 31

Question 95 of 200

Electric Flux through the surface of a sphere which has constant charge at its centre depends on:

a) The radius of the sphere

b) The surface area of the sphere

c) The amount of charge inside the sphere

d) The amount of charge outside the sphere

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 40/200

Unattempted Questions 160/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 29

Question 86 of 200

Change in P.E per unit charge in the electric field is:

a) Electric potential

b) Power

c) K.E

d) Work done

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	41/200
Unattempted Questions	159/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 28

Question 97 of 200

Electric Potential which is measured with respect to the zero potential is called:

a) Absolute electric potential

b) Change in K.E

c) Change in potential energy

d) Electric intensity

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 42/200

Unattempted Questions 158/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 26

Question 98 of 200

When a charge is influenced by its surrounding, it has entered:

a) An electric field

b) A gravitational field

c) Thermal field

d) Closed field

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 43/200

Unattempted Questions 157/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 24

Question 99 of 200

The flux through a surface will be minimum when angle between E and ΔA is:

a) 90°

b) 60°

c) 30°

d) 0°

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 44/200

Unattempted Questions 156/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 23

Question 100 of 200

Electric current may be defined as:

a) Rate of flow of charge

b) Rate of flow of momentum

c) Rate of flow of power

d) Rate of flow of energy

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 45/200

Unattempted Questions 155/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 22

Question 101 of 200

_____ potential difference is required for establishing steady current?

a) Minimum

b) Constant

c) Maximum

d) Varying

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 46/200

Unattempted Questions 154/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 20

Question 102 of 200

Which equation represents the maximum output power of source?

a) P= VI

b) P = I^2 R

c) P = V^2/R

d) P = E^2/4R

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	47/200
Unattempted Questions	153/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 19

Question 103 of 200

_____ relationship exists between current and voltage in terms of Ohm's law:

a) Non linear

b) Varying

c) Linear

d) Alternating

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 48/200

Unattempted Questions 152/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 17

Question 104 of 200

SI Unit of current is ?

a) Ampere

b) Volt

c) Joules

d) Watt

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Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 49/200

Unattempted Questions 151/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 16

Question 105 of 200

The SI Unit for resistance is?

a) Ohm

b) Ampere

c) Watt

d) Volts

Movavi Video Editor Plus

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 50/200

Unattempted Questions 150/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 14

Question 106 of 200

Magnetic field inside a long solenoid is:

a) Varying with radial distance

b) Uniform

c) Zero

d) Not enough information

< Previous

Skip >

Movavi Video Editor Plus

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 51/200

Unattempted Questions 149/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 12

Question 107 of 200

Magnetic field outside of a long solenoid is:

a) Varying with radial distance

b) Uniform

c) Zero

d) Not enough information

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	52/200
Unattempted Questions	148/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 11

Question 108 of 200

When a bar magnet is broken from middle, the broken pieces will have:

a) North pole only

b) South pole only

c) Both south and north poles

d) Magnetism will be removed

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200
Skipped Questions	53/200
Unattempted Questions	147/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 09

Question 109 of 200

Transformer can convert _____

a) Low DC voltage

b) High DC voltage

c) Battery voltage

d) AC voltage

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 54/200

Unattempted Questions 146/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 08

Question 110 of 200

Eddy currents flow in:

a) Open loops

b) Closed loops

c) Straight lines

d) Vertical loops

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 55/200

Unattempted Questions 145/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 06

Question 111 of 200

When coil is rotated in magnetic field, the current produced is:

a) Constant

b) Decrease

c) Increase

d) Continuously changing

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 56/200

Unattempted Questions 144/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 04

Question 112 of 200

In AC generator AC current reverses its direction _____ times per second:

a) 30

b) 40

c) 50

d) 60

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 57/200

Unattempted Questions 143/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 55 : 01

Question 113 of 200

AC generator converts_____ energy:

a) Mechanical to electrical

b) Electrical to mechanical

c) Electrical to heat

d) Heat to electrical

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	58/200
Unattempted Questions	142/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 55 : 01

Question 114 of 200

A full wave rectifier passes _____ into positive cycles:

a) lower half cycle

b) upper half cycle

c) both lower and upper half cycles

d) One quater cycle

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 59/200

Unattempted Questions 141/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 59

Question 115 of 200

When gamma photon is entered in nucleus it____:

a) De-excite the nucleus

b) Excite the nucleus

c) Scatter by nucleus

d) No effect on nucleus

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 60/200

Unattempted Questions 140/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 57

Question 116 of 200

In annihilation process particles move in:

a) Same direction

b) Opposite direction

c) Perpendicular direction

d) Remain stationary

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 61/200

Unattempted Questions 139/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 56

Question 117 of 200

Photons of energy 10.25 eV fall on the surface of the metal emitting photoelectrons of maximum kinetic energy 5.0 eV. What is the stopping voltage required for these electrons?

a) 10V

b) 8V

c) 5V

d) 4V

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 62/200

Unattempted Questions 138/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 53

Question 118 of 200

Blackbody spectra:

a) Continuous

b) Discrete

c) Band

d) Line

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 63/200

Unattempted Questions 137/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 51

Question 119 of 200

Which radiation passes through black body:

a) Alpha

b) Gamma

c) Beta

d) White

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 64/200

Unattempted Questions 136/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 50

Question 120 of 200

In water pipes ____ is used to detect leakages:

a) Radioisotpe

b) Light

c) Current

d) Heat

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	65/200
Unattempted Questions	135/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 54 : 47

Question 121 of 200

The electromagnetic radiation which moves with high frequency will have ____ wavelength:

a) Short

b) Long

c) Unchanged

d) Variable

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 66/200

Unattempted Questions 134/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 54 : 46

Question 122 of 200

When electron absorbs a photon and jumps to higher states it is called:

a) De-excitation

b) Excitation

c) Emission

d) Conversion

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 67/200

Unattempted Questions 133/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 44

Question 123 of 200

What is the mass in grams of 1.69 moles of phosphoric acid?

a) 148 g

b) 138 g

c) 157 g

d) 166 g

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	68/200
Unattempted Questions	132/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 42

Question 124 of 200

The amount of reactant according to the balanced chemical equation is called as?

a) Theoretical amount

b) Actual amount

c) Limiting amount

d) Stoichiometric amount

Previous

Skip

Movavi Video Editor Plus

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 69/200

Unattempted Questions 131/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 40

Question 125 of 200

What mass is the mass of 2 dm^3 of oxygen at S.T.P?

a) 1.42g

b) 2.22g

c) 3.2g

d) 2.85g

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	70/200
Unattempted Questions	130/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 39

Question 126 of 200

Mass of electron _____ times smaller than that of proton.

a) 1837

b) 1839

c) 1836

d) 1834

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 71/200

Unattempted Questions 129/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 37

Question 127 of 200

How many electrons does calcium has in 3p orbital?

a) 5

b) 6

c) 2

d) 3

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 72/200

Unattempted Questions 128/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 36

Question 128 of 200

How many electrons are present in the orbital having n=1, l=0, m= 0?

a) 3

b) 2

c) 4

d) 5

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 73/200

Unattempted Questions 127/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 34

Question 128 of 200

Which subshells are present in M shell?

a) s

b) s,p

c) s,p,d

d) s,p,d,f

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 74/200

Unattempted Questions 126/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 32

Question 130 of 200

The value of general gas constant 'R' for a particular gas is independant of:

a) Pressure

b) Volume

c) Absolute temperature

d) Molar mass of the gas.

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 75/200

Unattempted Questions 125/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 29

Question 131 of 200

Which of the following postulate of kinetic molecular theory does not hold at high temperature and pressure?

a) Gases are considered to be composed of minute discrete particles called molecules.

b) The molecules move in straight line.

c) The pressure of gas is produced due to the collision of molecules with the wall of container.

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 76/200

Unattempted Questions 124/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 28

Question 132 of 200

Spreading of scent in the air is due to:

a) Diffusion of gas molecules

b) Effusion of gas molecules

c) Volume of gas

d) Temperatue of gas

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	77/200
Unattempted Questions	123/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 27

Question 133 of 200

Which of the following substances has the largest intermolecular forces of attraction ?

a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 78/200

Unattempted Questions 122/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 25

Question 134 of 200

Which of the following substances has the largest intermolecular forces of attraction ?

a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 79/200

Unattempted Questions 121/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 23

Question 135 of 200

Which of the following solid has indefinite heat of fusion?

a) Crystalline solids

b) Pure solids

c) True solids

d) Amorphous solids

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 80/200

Unattempted Questions 120/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 21

Question 136 of 200

The array of points which shows the atoms, ions or molecule arrangement in a crystal is called:

a) Crystal system

b) Crystal Lattice

c) Crystal array

d) Crystallography

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	81/200
Unattempted Questions	119/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 18

Question 137 of 200

What will happenes to the $KClO_3$ when KCl is added to its solution in water?

a) Its solubility increases

b) Its solubility decreases

c) concentration of Cl^- ion decreases

d) concentration of ClO_3^- ion increases

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	82/200
Unattempted Questions	118/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 17

Question 138 of 200

The pH of an acidic Buffer depends upon the concentration of acid, concnetration of salt and:

a) pka of acid used in it.

b) pH of acid used in it.

c) pkb of base used in it.

d) pOH of base used in it.

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	83/200
Unattempted Questions	117/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 15

Question 139 of 200

For a particular reversible reaction if, [Products]/[Reactants]>Kc it means that:

a) More products are needed to attain equilibrium

b) There are more reactants in the system

c) More Reactants are needed to attain equilibrium

d) The reaction will move forward to attain equilibrium

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	84/200
Unattempted Questions	116/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 13

Question 140 of 200

The reaction in which rate depends only on one reactant concentrations, although more than one reactants are present in the reaction mixture is known as_____

a) 1st order reaction

b) 2nd order reaction

c) Pseudo first order reaction

d) Third order reaction

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	85/200
Unattempted Questions	115/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 12

Question 141 of 200

The rate law of a particular reaction is Rate = k[NO][O_3]. The order of this reaction with respect to ozone is.

a) 1st

b) 2nd

c) 3rd

d) zero

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 86/200

Unattempted Questions 114/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 10

Question 142 of 200

Which one of the following is the correct demonstration of first law of thermodynamics?

a) $\Delta H = qw$

b) $\Delta H = q - \Delta P \Delta V$

c) $\Delta H = q + w$

d) $\Delta E = q + w$

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	87/200
Unattempted Questions	113/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 08

Question 143 of 200

In the air, N_2 and O_2 occur naturally but they do not react to form oxides of nitrogen because:

a) oxides of nitrogen are unstable

b) catalyst is required for the reaction

c) the reaction is endothermic

d) N_2 and O_2 do not react with each other

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 88/200

Unattempted Questions 112/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 07

Question 144 of 200

Fe is precipitated out when Cu strip is dipped in

a) $FeSO_4$ solution

b) $CuSO_4$ Solution

c) $MgSO_4$ Solution

d) H_2SO_4 solution

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 89/200

Unattempted Questions 111/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 05

Question 145 of 200

Oxidation number of a substance in elemental form is:

a) 0

b) Positive

c) Negative

d) Fractional

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 90/200

Unattempted Questions 110/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 04

Question 146 of 200

The covalent compounds exhibit:

a) Fast reactions

b) Non-directional nature

c) Non-rigid structures

d) Isomerism

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	91/200
Unattempted Questions	109/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 54 : 02

Question 147 of 200

Pi (π) bond between two atoms is:

a) Formed by axial overlaping of atomic orbitals, and is stronger than sigma bond.

b) Formed by parallel overlaping of atomic orbitals, and is stronger than sigma bond.

c) Formed by axial overlaping of atomic orbitals, and is weaker than sigma bond.

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 92/200

Unattempted Questions 108/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 54 : 00

Question 148 of 200

The amount of energy required to beak one mole of a particular type of bond is equal to its:

a) Activation energy

b) Ionization energy

c) Bond Energy

d) Potential energy

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 93/200

Unattempted Questions 107/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 56

Question 149 of 200

In alkali metals the highest shielding effect is exhibited by:

a) Li

b) Na

c) K

d) Rb

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 94/200

Unattempted Questions 106/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 55

Question 150 of 200

Shielding effect in 3rd period of periodic table:

a) Increases from left to right.

b) Decreases from left to right.

c) May increase or decrease

d) Remain unchanged

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 95/200

Unattempted Questions 105/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 53

Question 151 of 200

Which of the following has highest atomic size?

a) Be

b) Mg

c) Ca

d) Ba

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 96/200

Unattempted Questions 104/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 52

Question 152 of 200

Which one of the following is more soluble in water?

a) $Be(OH)_2$

b) $Ca(OH)_2$

c) $Mg(OH)_2$

d) $Ba(OH)_2$

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200	Skipped Questions 97/200
Unattempted Questions 103/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 51

Question 153 of 200

The color of Zn^{2+} compounds is:

a) Yellow

b) Black

c) Blue

d) Colorless

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	98/200
Unattempted Questions	102/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 02 : 53 : 48

Question 154 of 200

The transition element which shows fixed 2+ oxidation state in its compound is

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a) Zn

b) Fe

c) Cu

d) Mn

AM AKPA MEDICO

Previous Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 99/200

Unattempted Questions 101/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 47

Question 155 of 200

Which of the following has anti knocking properties?

a) $(CH_3CH_2)_4Sn$

b) $(CH_3CH_2)_4Pb$

c) $(CH_3CH_2)_4Ge$

d) $(CH_3CH_2)_4Si$

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 100/200

Unattempted Questions 100/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 45

Question 156 of 200

Which of the following fraction of petroleum has lowest boiling point at STP.

a) Kerosine oil

b) Lubricating oil

c) Gasoline

d) Natureal gas

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 101/200

Unattempted Questions 99/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 43

Question 157 of 200

Conversion of straight chain hydrocarbons into branched chain is called as _____?

a) Reforming

b) Cracking

c) Isomerization

d) Decomposition

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	102/200
Unattempted Questions	98/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 53 : 41

Question 158 of 200

The termination step of the Halogenation of alkanes in the presence of sunlight involves the formation of:

a) Free radicals

b) Cations

c) Anions

d) Molecules

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	103/200
Unattempted Questions	97/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 53 : 40

Question 159 of 200

The C-C bond length in benzene is:

a) 1.39 Angstrom

b) 1.20 Angstrom

c) 1.34 Angstrom

d) 1.54 Angstrom

Previous Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 104/200

Unattempted Questions 96/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 38

Question 160 of 200

Benzene is more stable than hypothetical 1,3,5-cyclohexatriene by:

a) 150.5 kJ/mol

b) 150.5 J/mol

c) 150.5 kJ/molecule

d) 150.5 J/molecule

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 105/200

Unattempted Questions 95/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 36

Question 161 of 200

Halogenation of alkane in sunlight is the example of:

a) Addition reaction

b) Elimination reaction

c) Substitution reaction

d) Rearrangment reaction

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 106/200

Unattempted Questions 94/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 33

Question 162 of 200

Major product of the following reaction is: $CH_2=CH-CH_2-CH_3 + HBr \rightarrow$

a) $CH_2(Br)-CH_2-CH_2-CH_3$

b) $CH_3-CH(Br)-CH_2-CH_3$

c) $CH_2=CH-CH(Br)-CH_3$

d) $CH_2=CH-CH_2-CH_2(Br)$

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 107/200

Unattempted Questions 93/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 32

Question 163 of 200

The correct name of CH_2Cl_2 is:

a) Methyl chloride

b) Methylene chloride

c) Chloroform

d) Carbonyl chloride

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 108/200

Unattempted Questions 92/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 31

Question 164 of 200

Which one of the following is a strong Nucleophile?

a) Cl-

b) Br-

c) OH-

d) HSO4-

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 109/200

Unattempted Questions 91/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 29

Question 165 of 200

2-chlorobutane belongs to:

a) Primary Alkyl halides

b) Secondary Alkyl Halides

c) Tertiary Alkyl Halides

d) Quarternary Alkyl halides

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 110/200

Unattempted Questions 90/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 27

Question 166 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 111/200

Unattempted Questions 89/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 25

Question 167 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 112/200

Unattempted Questions 88/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 23

Question 168 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 113/200

Unattempted Questions 87/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 23

Question 169 of 200

Idoform test is used to check the presence of :

a) Amines

b) Carbonyl compounds

c) Carboxylic acid

d) Alkyl halides

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200	Skipped Questions 114/200
Unattempted Questions 86/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 21

Question 170 of 200

Acetone is less reactive than acetaldehyde due to:

a) More Steric hindrance offered by its methyl groups.

b) Electron withdrawing nature of its methyl groups.

c) Its Carbonyl carbon is sp^2 hybridized.

d) Oxygen of carbonyl group is more electronegative than carbon atom.

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 115/200

Unattempted Questions 85/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 19

Question 171 of 200

Formaldehyde reacts with which one of the following to give primary alcohols

a) Fehling's reagant

b) Benedict's Reagant

c) Grignard's reagant

d) Millon's reagant

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 116/200

Unattempted Questions 84/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 18

Question 172 of 200

Salts of carboxylic acids can be converted into corresponding carboxylic acid by treating with

a) water

b) base

c) acid anhydrides

d) acid

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200
Skipped Questions	117/200
Unattempted Questions	83/200
Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 53 : 16

Question 173 of 200

The flavour of ethyl butyrate is:

a) Mango

b) Raspberry

c) Apricot

d) Orange

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 118/200

Unattempted Questions 82/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 14

Question 174 of 200

The basic hydrolysis of ethyl acetate produces?

a) Ethanol and sodium acetate

b) Ethanol and acetic acid

c) Ethanol

d) Formic acid

< Previous

Skip >

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 119/200

Unattempted Questions 81/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 12

Question 175 of 200

The following are anisotropic properties except:

a) Refractive index

b) Thermal conductivity

c) Electrical conductivity

d) Melting points

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 120/200

Unattempted Questions 80/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 53 : 11

Question 176 of 200

The properties which depends upon the direction are called:

a) Isotropic properties

b) Anisotropic properties

c) Additive properties

d) Colligative properties

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 121/200

Unattempted Questions 79/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 53 : 10

Question 177 of 200

I don't like doing _____, especially mopping the floor.

a) homework

b) house chores

c) house-job

d) jobs

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 122/200

Unattempted Questions 78/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 53 : 09

Question 178 of 200

When we were in Singapore last year, we _____ at a beautiful resort near an Island.

a) stayed

b) stopped

c) lived

d) left

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	123/200
Unattempted Questions	77/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 02 : 53 : 08

Question 179 of 200

Give her a break. It was not her _____ that the bus arrived late.

a) blame

b) error

c) crime

d) fault

AM AKPA MEDICO

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 6/200

Unattempted Questions 194/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 25

Question 180 of 200

The earth _____ (seem) to be moving.

a) seem

b) seemed

c) seeming

d) seems

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	7/200
Unattempted Questions	193/200	Flagged Questions	0/200

ENGLISH

Remaining Time 02 : 56 : 24

Question 181 of 200

A white ball _____ for the first time in the 1992 Cricket World Cup.

a) used

b) was used

c) had used

d) has been used

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 8/200

Unattempted Questions 192/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 23

Question 182 of 200

One day people to Moon

a) travel

b) travelled

c) will travel

d) were travelling

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 9/200

Unattempted Questions 191/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 21

Question 183 of 200

Find the correctly spelt word

a) Sovereign

b) Soveregn

c) Soverean

d) Soverein

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 10/200

Unattempted Questions 190/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 20

Question 184 of 200

Choose the word wrongly spelt.

a) Semester

b) Senesent

c) Sensory

d) Salacious

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 11/200

Unattempted Questions 189/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 18

Question 185 of 200

She said that she was happy. Which type of narration is used here?

a) Indirect

b) Direct

c) Simple

d) Complex

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 12/200

Unattempted Questions 188/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 16

Question 186 of 200

I'll show you a picture _____ the palace.

a) off

b) of

c) in

d) at

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 13/200

Unattempted Questions 187/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 14

Question 187 of 200

You have to _____ He'll be with you _____ a minute.

a) in

b) on

c) at

d) of

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 14/200

Unattempted Questions 186/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 12

Question 188 of 200

He started learning English ____ 2005.

a) in

b) on

c) at

d) through

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< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 15/200

Unattempted Questions 185/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 09

Question 189 of 200

Choose the correct spelling of the word.

a) Racommend

b) Racomand

c) Recomend

d) Recommend

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 16/200

Unattempted Questions 184/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 08

Question 190 of 200

Choose the correct spelling of the word.

a) Annehilate

b) Anihilate

c) Annihilate

d) Anehilate

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 17/200

Unattempted Questions 183/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 06

Question 191 of 200

Choose the correct spelling of the word

a) Bilding

b) Buillding

c) Building

d) Bulding

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 18/200

Unattempted Questions 182/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 05

Question 192 of 200

Which one is correct?

a) The people whom will help you find a job are here.

b) The people who will help you find a job are here.

c) The people who will help you find a job were here.

d) The people who will help you found a job are here.

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 19/200

Unattempted Questions 181/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 02

Question 193 of 200

Which one is correct?

a) You thought, I was going to, but I didn't snatch people pocketbooks.

b) You thought, I was going to, but I didn't snatch people's pocketbooks.

c) You thought, I am going to, but I didn't snatch people's pocketbooks.

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 20/200

Unattempted Questions 180/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 56 : 01

Question 104 of 200

Which one is correct?

a) Let's took ten-minute break before starting the next session.

b) Let's take a ten-minute break before starting the next session.

c) Let's take up a ten-minute break before starting the next session.

d) Let's take out a ten-minute break before starting the next session.

Previous

Skip

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PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	21/200
Unattempted Questions	179/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 02 : 55 : 58

Question 195 of 200

Statement: The local cooperative credit society has decided to stop giving loans to farmers with immediate effect. A large number of credit society members have withdrawn a major part of their deposits from the credit society.

a) Statement I is the cause and statement II is its effect

b) Statement II is the cause and statement I is its effect

c) Both the statements I and II are independent causes

Previous Skip

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PMC PRACTICE TEST 3

Attempted Questions 0/200	Skipped Questions 22/200
Unattempted Questions 178/200	Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 02 : 55 : 56

Question 196 of 200

Statement: Floods may create havoc in the country this year too. Courses of Action: I) The Government should be on the alert to evacuate flood-affected victims. II) People should not be afraid of floods.

a) Only I follows

b) Only II follows

c) Either I or II follows

d) Neither I nor II follows

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 23/200

Unattempted Questions 177/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 02 : 55 : 54

Question 197 of 200

"Pick the word which is always associated with ""books"".."

a) Pages

b) Learning

c) Pictures

d) Eraser

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 24/200

Unattempted Questions 176/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 02 : 55 : 53

Question 198 of 200

Pick the word which is always associated with: Electrical Energy.

a) Light

b) Cars

c) Power

d) Water

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 3

Attempted Questions 0/200

Skipped Questions 25/200

Unattempted Questions 175/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 02 : 55 : 51

Question 199 of 200

To approach this question, use a sentence: "A champion could not exist without ____."
Find the word that fits in.

a) Running

b) Swimming

c) Courage

d) Speaking

< Previous

Skip >

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PMC PRACTICE TEST 3

Attempted Questions	0/200	Skipped Questions	26/200
Unattempted Questions	174/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 02 : 55 : 50

AM APKA MEDICO

Question 200 of 200

Statement: All scientists are fair. All fair people are strong. Conclusions: (I) All scientists are strong. (II) Some strong people are fair.

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a) Only conclusion I is correct

b) Only conclusion II is correct

c) Either I or II is correct

d) Both I and II correct

< Previous

Skip >

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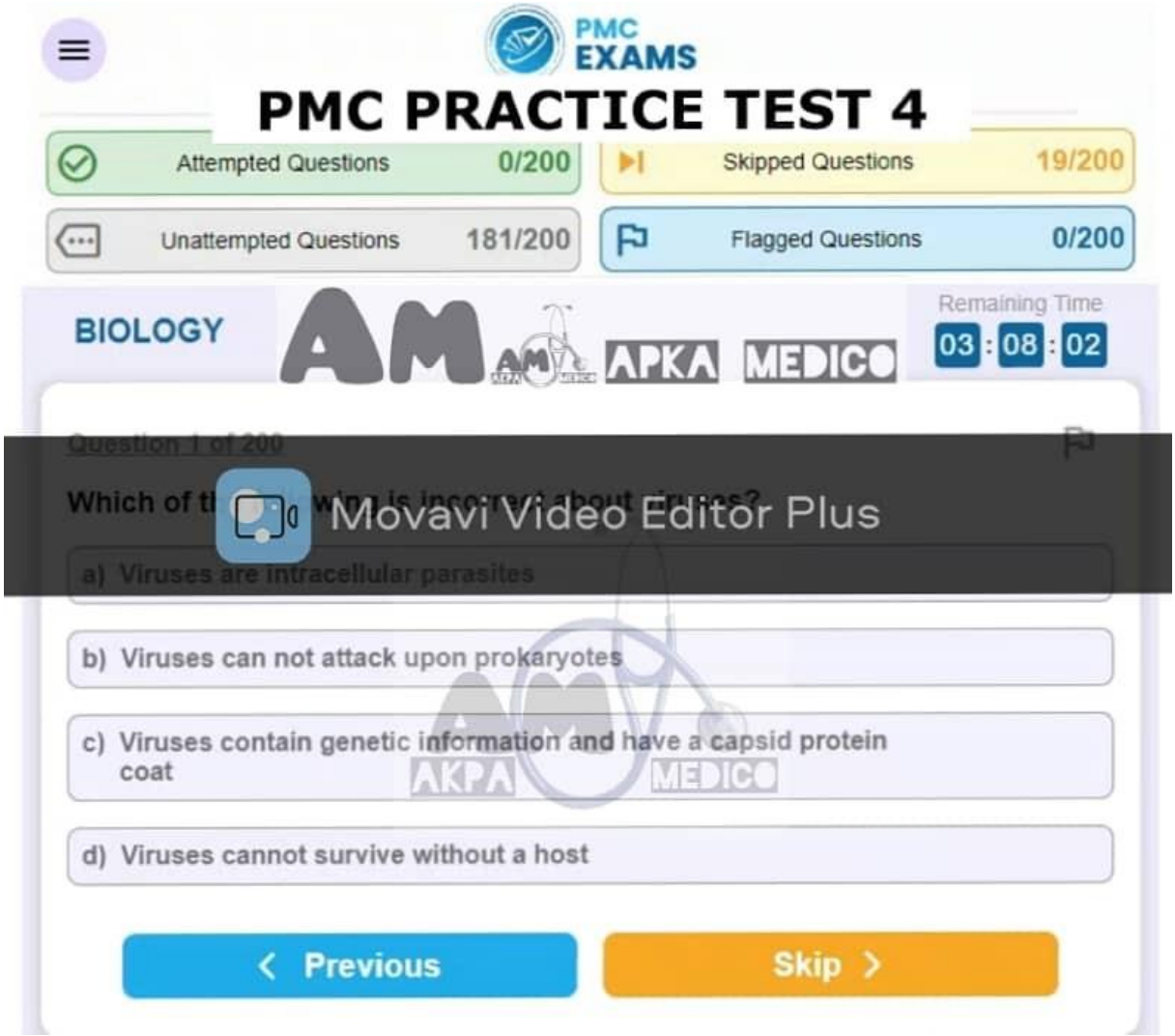

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Attempted Questions	0/200	Skipped Questions	19/200
Unattempted Questions	181/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 59

Question 2 of 200

Poxviruses are:

a) Double stranded DNA virus

b) Single stranded RNA virus

c) Single stranded DNA virus

d) Protein virus

< Previous

Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	19/200
Unattempted Questions	181/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 58

Question 3 of 200

Which of the followin virus has complex capsid that consists of polyhedral head and helical tail?

a) Influenza virus

b) Herpes virus

c) Bacteriophages

d) Human Immuno Deficiency Virus

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	19/200
Unattempted Questions	181/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 56

Question 4 of 200

The viruses who can attack the bacteria are known as:

a) Retrovirus

b) Pox virus

c) Bacteriophage

d) Oncovirus

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	19/200
Unattempted Questions	181/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 54

Question 5 of 200

To reduce one molecule of O2, _____ electron(s) must be passed through the electron transport chain and _____ molecule(s) of NADH is(are) oxidized

a) 1; 1

b) 4; 4

c) 1; 2

d) 4; 2

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	20/200
Unattempted Questions	180/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 51

Question 6 of 200

Which of the following is the correct pathway of alcoholic fermentation?

a) Glycolysis --> Reduction

b) Glycolysis --> Reduction --> Decarboxylation

c) Glycolysis --> Decarboxylation --> Reduction

d) Glycolysis --> Link reaction --> Krebs cycle --> ETC

< Previous

Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	21/200
Unattempted Questions	179/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 50

Question 7 of 200

The initial [illegible] in breaking down glucose, are called

a) Reduction

b) Glycolysis

c) Chemiosmosis

d) Oxidation

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	22/200
Unattempted Questions	178/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 48

Question 8 of 200

What is net gain of ATP in glycolysis if it occurs during anaerobic respiration:

a) 2 ATP/glucose molecule

b) 4 ATP/glucose molecule

c) 6 ATP/glucose molecule

d) 8 ATP/glucose molecule

< Previous Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	23/200
Unattempted Questions	177/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 46

Question 9 of 200

The Tertiary structure of protein indicates its

a) chemical function

b) biological function

c) physical appearence

d) characteristics

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	24/200
Unattempted Questions	176/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 45

Question 10 of 200

Only one compound is neutral, other are reactive. Point the one

a) cytoplasm

b) HCl

c) Urine

d) Pure water

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 25/200

Unattempted Questions 175/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 43

Question 11 of 200

The temporary storage of energy in the human body is

a) cellulose

b) glycogen

c) ATP

d) Fats

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 26/200

Unattempted Questions 174/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 42

Question 12 of 200

The palmit

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a) 8 C

b) 72C

c) 63.1C

d) 7 C

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200
Skipped Questions	27/200
Unattempted Questions	173/200
Flagged Questions	0/200

Remaining Time 03 : 07 : 40

BIOLOGY

Question 10 of 200

Amylopectin

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a) branched sugar, water

b) unbranched sugar, ethnol

c) branched sugar, cold water

d) unbranched sugar, hot

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 28/200

Unattempted Questions 172/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 39

Question 14 of 200

Reducing sugars are

a) galactose

b) gluconic acid

c) glycogen

d) sucrose

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Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 29/200

Unattempted Questions 171/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 37

Question 15 of 200

Cellulose is _____

a) hexose polysaccharide

b) heptose polysaccharide

c) heteropolysaccharide

d) pentosepolysaccharide

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 30/200

Unattempted Questions 170/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 36

Question 16 of 200

Which of the following is responsible for giving firmness and box-like shape to plant cells?

a) Cell wall

b) Cell wall and vacuole

c) Nucleus and vacuole

d) Cell membrane

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	31/200
Unattempted Questions	169/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 35

Question 17 of 200

Golgi complex was discovered by which scientist?

a) Robert Brown

b) Camillo Golgi

c) De Duve

d) Robert Hooke

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 32/200

Unattempted Questions 168/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 33

Question 18 of 200

Which of these is the right combination of molecules which make up the secondary cell wall in plant cells?

a) Cellulose, lignin and xylem

b) Cellulose, hemicellulose and lignin

c) Cellulose only

d) Cellulose, hemicellulose and pectin

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	33/200
Unattempted Questions	167/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 32

Question 19 of 200

Which of the following is the system of elongated sac like structures (cisternae) or tubes linking the cell surface membrane and the nuclear envelope?

a) Mirotubules

b) Endoplasmic reticulum

c) Golgi complex

d) Microfilaments

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 34/200

Unattempted Questions 166/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 30

Question 20 of 200

Which one is a membrane

a) Fat soluble substances

b) Proteins

c) Highly charged materials

d) Polysacchrides

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 35/200

Unattempted Questions 165/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 28

Question 21 of 200

Major com

Teichoic acid

a) Teichoic acid

b) Cartenoid

c) Chitin

d) Murein

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	36/200
Unattempted Questions	164/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 26

Question 22 of 200

Carbon dioxide passes through plasma membrane of cells by:

a) Active transport

b) Phagocytosis

c) Facilitated diffusion

d) Simple diffusion

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 37/200

Unattempted Questions 163/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 25

Question 23 of 200

Which part of the hind brain is responsible in regulating breathing patterns?

a) Medulla oblongata

b) Cerebellum

c) Brain stem

d) Pons

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	38/200
Unattempted Questions	162/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 23

Question 24 of 200

What is the change in the resting potential when a neuron fires a nerve impulse?

a) It becomes more negative moving from cell body to the axon

b) It becomes more positive moving from the cell body to the axon

c) It becomes more negative moving from the axon to the cell body

< Previous Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 39/200

Unattempted Questions 161/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 21

Question 25 of 200

When a neuron's membrane potentials is between - 70 mV and - 90 mV, it is said to be in a state of:

a) Depolarization

b) Hyperpolarization

c) Repolarization

d) No polarization

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 40/200

Unattempted Questions 160/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 20

Question 26 of 200

Addison's disease results from which hormone?

a) Antidiuretic hormone

b) Aldosterone

c) Corticosterone

d) Melanophore-stimulating hormone

< Previous

Skip >

Movavi Video Editor Plus

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 41/200

Unattempted Questions 159/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 18

Question 27 of 200

Function of Movavi Video Editor Plus

a) Promoting hydrolysis of glycogen

b) Increasing the rate of fat breakdown

c) Promoting conversion of glucose into protein

d) Reduces the blood glucose level

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	42/200
Unattempted Questions	158/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 17

Question 28 of 200

In terms of [illegible] effects on metabolism, all of them are mismatched except:

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a) Secretin, gastrin, insulin

b) Secretin, gastrin, glucagon

c) Oestrogen, progesterone, oxytocin

d) Follicle stimulating hormone, somatotrophic hormone, adrenicorticotrophic hormone

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	43/200
Unattempted Questions	157/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 14

Question 29 of 200

Diffused nervous system is present in which animal group?

a) Platyhelminthes

b) Annelida

c) Cnidaria

d) Porifera

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	44/200
Unattempted Questions	156/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 03 : 07 : 13

Question 30 of 200

Saccoglossus belongs to which group of invertebrates?

a) Porifera

b) Cnidaria

c) Echindermata

d) Hemichordates

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	45/200
Unattempted Questions	155/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 12

Question 31 of 200

What is correct about triploblastic animals?

a) They all show bilateral symmetry.

b) They show radial as well as bilateral symmetry.

c) They are all protostomes.

d) They are all deuterostomes.

< Previous Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	46/200
Unattempted Questions	154/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 10

Question 32 of 200

Which features identify deuterostomes?

a) Blastopore makes the mouth.

b) Zygote divides spirally.

c) Mesoderm forms from the developing gut.

d) Fate of each blastomere is pre-determined

< Previous Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	47/200
Unattempted Questions	153/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 08

Question 33 of 200

What is co[illegible] about the active site of an enzyme?

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a) It detaches itself from the product after catalysis

b) It is similar in shape to the substrate

c) It is involved in feedback inhibition

d) It is involved in irreversible, non-competitive inhibition

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 48/200

Unattempted Questions 152/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 07 : 06

Question 39 of 200

Optimum p

a) 2

b) 6.8

c) 7.6

d) 9

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Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	49/200
Unattempted Questions	151/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 04

Question 35 of 200

Optimum pH for salivary amylase is:

a) 2

b) 6.8

c) 7.6

d) 9

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	50/200
Unattempted Questions	150/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 07 : 04

Question 36 of 200

Enzymes have capacity to change the:

a) Concentration of substrate in the reaction system

b) Temperature of the reaction system

c) pH of the reaction system

d) Concentration of inhibitor

< Previous Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	51/200
Unattempted Questions	149/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 02

Question 37 of 200

Catalysts that increase the rate of biological chemical reaction are called?

a) Proteins

b) Vitamins

c) Enzymes

d) Minerals

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	52/200
Unattempted Questions	148/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 07 : 01

Question 38 of 200

The origin of new species from already existing speies over a period of time is called:

a) Adaptation

b) Evolution

c) Neo-Darwinsm

d) Special creation

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 53/200

Unattempted Questions 147/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 59

Question 39 of 200

Homologous organs indicate the:

a) Convergent evolution

b) Divergent evolution

c) Co-evolution

d) Artificial selection

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	54/200
Unattempted Questions	146/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 57

Question 40 of 200

The variati[illegible] individuals that lead to evolution are because of differences [illegible]r:

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a) Genes

b) Anatomy

c) Physiology

d) Acquired characters

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	55/200
Unattempted Questions	145/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 56

Question 41 of 200

Evolution is a process that demonstrates

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a) How characters are pased from one generation the next

b) How organisms perform their activities in different environment

c) How new species originate from exisiting species

d) How new species are formed specially and specifically by the nature

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	56/200
Unattempted Questions	144/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 06 : 53

Question 42 of 200

Which of the following enzyme is absent in pancreatic juice?

a) Amylase

b) Erepsin

c) Lipase

d) Trypsin

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	57/200
Unattempted Questions	143/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 53

Question 43 of 200

A condition characterized by bouts of over eating fattening food is called:

a) Anorexia

b) Botulism

c) Bulimia nervosa

d) Piles

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	58/200
Unattempted Questions	142/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 51

Question 44 of 200

Incomplete or imperfect digestion is called:

a) Anorexia

b) Botulism

c) Bulimia nervosa

d) Dyspepsia

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	59/200
Unattempted Questions	141/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 50

Question 45 of 200

The osmotic pressure of blood is maintained by:

a) Membrane proteins

b) Fibrous proteins

c) Plasma proteins

d) Myosin

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 60/200

Unattempted Questions 140/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 48

Question 46 of 200

Concentration of bile is the function of which body part?

a) Liver

b) Gallbladder

c) Pancreas

d) Stomach

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	61/200
Unattempted Questions	139/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 46

Question 47 of 200

Which one [illegible] infectious diseases?

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a) Lung cancer

b) Asthma

c) Pulmonary tuberculosis

d) Emphysema

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	62/200
Unattempted Questions	138/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 44

Question 48 of 200

Which cell [illegible] stomach wall by producing mucus?

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a) Mucus cells

b) Chief cells

c) Zymogen cells

d) Endocrine cells

AM AKPA MEDICO

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 63/200

Unattempted Questions 137/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 42

Question 49 of 200

Which of the following is a circular, double stranded DNA molecules present in some bacterial cells?

a) Nucleiod

b) Plasmids

c) Mesosomes

d) Chromosomes

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 64/200

Unattempted Questions 136/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 41

Question 50 of 200

Which of the following provide resistance against some antibiotics such as beta lactam?

a) Gram negative cell wall

b) Spores

c) Slime

d) Capsules

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 65/200

Unattempted Questions 135/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 40

Question 51 of 200

A very delicate surrounding that may result in death of bacteria if damaged is called :

a) Capsule

b) Flagella

c) Cell membrane

d) Cell wall

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 66/200

Unattempted Questions 134/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 38

Question 52 of 200

Protein factories in prokaryotic cell are:

a) Mesosomes

b) Ribosomes

c) Plasmids

d) Nucleotide

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	67/200
Unattempted Questions	133/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 06 : 37

Question 53 of 200

During sterilization process, in order to control pathogens, we use dry heat which causes

a) Oxidations of bacterial compounds

b) Coagulation of bacterial proteins

c) Separate the bacteria from their media

d) Decrease in bacterial growth

< Previous Skip >

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Attempted Questions 0/200

Skipped Questions 69/200

Unattempted Questions 131/200

Flagged Questions 0/200

Remaining Time 03 : 06 : 34

BIOLOGY

Question 98 of 200

Proliferative is also termed as

a) Secretory phase

b) Menstruations phase

c) Follicular or preovulatory phase

d) Secondary phase

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 70/200

Unattempted Questions 130/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 32

Question 69 of 200

The uterus

a) Placenta

b) Ovary

c) Cervix

d) Oviduct

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Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	71/200
Unattempted Questions	129/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 06 : 31

Question 57 of 200

What is the function of the fluid secreted by Sertoli cells?

a) Stimulate spermatogenesis

b) Stimulates secondary sexual development.

c) Provides nourishment to sperms

d) Inhibit spermatogenesis

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 72/200

Unattempted Questions 128/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 30

Question 58 of 200

Which of the following is the part of male reproductive system?

a) Cervix

b) Leydig cells

c) Myometrium

d) Corpus luteum

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	73/200
Unattempted Questions	127/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 06 : 28

Question 59 of 200

Which of these is a type of arthritis that is primarily due to aging?

a) Septic arthritis

b) Rheumatoid arthritis

c) Osteoarthritis

d) Rheumatoid and osteo arthritius

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	74/200
Unattempted Questions	126/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 27

Question 60 of 200

Septic arthritis is caused by:

a) Aging

b) Bacteria

c) Metabolic

d) Physical contact

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	75/200
Unattempted Questions	125/200	Flagged Questions	0/200

BIOLOGY

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Remaining Time 03 : 06 : 26

Question 61 of 200

What is meaning of articulation?

a) Connections between joints

b) Connections between cartilages

c) Connections between bones

d) Connections between muscles

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 76/200

Unattempted Questions 124/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 24

Question 92 of 200

Synovial c[illegible] are filled with

a) Blood

b) Salts

c) Synovial fluids

d) Proteins

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Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 77/200

Unattempted Questions 123/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 22

Question 93 of 200

Mendel's law of chromosome formation is called:

a) law of Particulate inheritance

b) law of Segregation

c) law of Dominance

d) law of Independent assortment

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 78/200

Unattempted Questions 122/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 21

Question 64 of 200

Which of the following are present in the somatic cells of Drosophila?

a) 4

b) 8

c) 16

d) 2

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	79/200
Unattempted Questions	121/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 06 : 20

Question 65 of 200

A testcross is performed:

a) Only with hybrids

b) Only with pure types

c) Only between recessives

d) To determine whether an organism is heterozygous or homozygous dominant

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	80/200
Unattempted Questions	120/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 03 : 06 : 18

Question 66 of 200

One map unit is supposed to equal to:

a) 1% recombination frequency

b) 5% recombination frequency

c) 10 % recombination frequency

d) 15% recombination frequency

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 81/200

Unattempted Questions 119/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 16

Question 67 of 200

Albinism is a autosomal recessive trait. A woman with albino father marries an albino man. What is the probability of albinism in her childern:

a) 25%

b) 50%

c) 75%

d) 100%

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 82/200

Unattempted Questions 118/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 03 : 06 : 15

Question 68 of 200

Phenotype represents:

a) Physical appearance of the trait

b) Genetic make up of the trait

c) Normal trait

d) Mutant trait

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 83/200

Unattempted Questions 117/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 13

Question 83 of 200

Unit of time is:

a) Millisecond

b) Minute

c) Hour

d) Second

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Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	84/200
Unattempted Questions	116/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 03 : 06 : 11

Question 70 of 200

An eagle o 4 kg is locked inside a cage of mass 2 kg. If the eagle starts flyin will be the mass of the bird and cage assembly?

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a) 5 kg

b) 7 kg

c) 2 kg

d) 6 kg

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 85/200

Unattempted Questions 115/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 10

Question 71 of 200

Force is a:

a) Vector

b) Scalar

c) Tensor

d) Base quantity

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< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 86/200

Unattempted Questions 114/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 09

Question 72 of 200

If the force of 20 N acts at an angle 60 degree along horizontal then its vertical and horizontal components are:

a) 20 N, 0 N

b) 15 N, 10 N

c) 17.32 N, 10 N

d) 10 N, 17.32 N

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	87/200
Unattempted Questions	113/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 03 : 06 : 08

Question 73 of 200

A gun fires a bullet of mass 40 g with a velocity of 1200 ms-1. The man holding it can exert a maximum force of 144 N on the gun.
How many bullets can he fire per second at the most?

a) 1

b) 2

c) 3

d) 4

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	88/200
Unattempted Questions	112/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 03 : 06 : 06

Question 74 of 200

A man of mass 50 kg on the top floor of a skyscraper steps into an elevator. Assume g=10 ms-2.
What is the man's weight as the elevator accelerates downward at a rate of 1.5ms-2?

a) 460 N

b) 325 N

c) 425 N

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	89/200
Unattempted Questions	111/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 03 : 06 : 05

Question 75 of 200

If kinetic energy increased 4 times then momentum will increase:

a) 3 times

b) 4 times

c) 5 times

d) 2 times

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	90/200
Unattempted Questions	110/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 03 : 06 : 04

Question 76 of 200

Minimum value of kinetic energy is:

a) Infinite

b) Zero

c) Negative constant

d) Minus infinite

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 91/200

Unattempted Questions 109/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 02

Question 77 of 200

Two springs are in the ratio 3:1. Both the springs are stretched by a force F, if elongation in first spring is x then elongation in second spring is:

a) 3x

b) 4x

c) 3x/4

d) 4x/3

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 92/200

Unattempted Questions 108/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 06 : 01

Question 78 of 200

A body is [illegible] done by radial force on th[illegible]

a) Positive

b) Zero

c) Negative

d) Variable

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	93/200
Unattempted Questions	107/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 05 : 59

Question 79 of 200

Centripeta[illegible] is provided by [illegible] friction of road around a circular pa[illegible]

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a) Friction force

b) Normal force

c) Gravitational force

d) Pseudo forces

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	94/200
Unattempted Questions	106/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 03 : 05 : 58

Question 80 of 200

Radian can be used to measure:

a) Length of line

b) Diameter of circle

c) Side of triangle

d) Arc length

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 95/200

Unattempted Questions 105/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 57

Question 81 of 200

The quantity used in angular measurement is:

a) Parameter

b) Area

c) Circumference

d) Volume

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 96/200

Unattempted Questions 104/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 56

Question 82 of 200

Earth covers its one revolution around sun in:

a) 24 hours

b) 7 days

c) 12 months

d) 60 minutes

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	97/200
Unattempted Questions	103/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 54

Question 83 of 200

The distance between adjacent fringes will increase, if we use:

a) Red light

b) Blue light

c) Lowest order

d) Highest order

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 98/200

Unattempted Questions 102/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 53

Question 84 of 200

The velocity of sound in vacuum at 0 degree centigrade:

a) 332 m/s

b) 344 m/s

c) 330 m/s

d) 0

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 99/200

Unattempted Questions 101/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 51

Question 99 of 200

The unit of is

a) Hertz

b) Decibel

c) Ampere

d) Radian

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< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	100/200
Unattempted Questions	100/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 05 : 50

Question 86 of 200

Example o[illegible]anical waves is:

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a) Transverse wave

b) Longitudinal wave

c) Both transverse and longitudinal wave

d) Compressional waves

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 101/200

Unattempted Questions 99/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 49

Question 87 of 200

Microwave

Movavi Video Editor Plus

a) An electromagnetic wave

b) Sound wave

c) Longitudinal wave

d) Standing wave

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 102/200

Unattempted Questions 98/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 47

Question 88 of 200

Pitch depends upon:

a) Frequency

b) Timbre

c) Loudness

d) Amplitude

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	103/200
Unattempted Questions	97/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 46

Question 89 of 200

The property of musical sound which differentiate between grave and shrill sound is called?

a) Pitch

b) Intensity

c) Beats

d) Quality

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 104/200

Unattempted Questions 96/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 44

Question 90 of 200

Unit of heat capacity is:

a) J/K

b) J/K.mole

c) J/K.kg

d) Joule

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 105/200

Unattempted Questions 95/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 43

Question 91 of 200

Molar heat capacity is defined as heat required to raise the temperature by 1 degree of _____ substance.

a) 2 mole

b) 2 kg

c) 1 kg

d) 1 mole

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 106/200

Unattempted Questions 94/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 41

Question 92 of 200

Specific he

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a) Infinite

b) Zero

c) Negative

d) Remains constant

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	107/200
Unattempted Questions	93/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 40

Question 93 of 200

"Electrical [illegible] energy between two charges at distance ""r"" is given by:"

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a) (k*q1*q2)/r

b) (k*q1*q2)/r^2

c) k*q1*q2

d) k*q1*q2/2r

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	108/200
Unattempted Questions	92/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 38

Question 94 of 200

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"""Conside[illegible] isolated parallel plate capacitor. Both plates have charge +Q and -Q [illegible]ed with a dielectric with dielectric constant K. We pull out the dielectric material, if the charges on the plates do not change, how does the energy in the capacitor changes?"""

a) It increases

b) It decreases

c) It remains same

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Previous

Skip

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	109/200
Unattempted Questions	91/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 36

Question 95 of 200

Which of the following could not be the units of electric intensity?

a) Joule per coulomb per meter

b) Joule per coulomb

c) Volt per metre

d) Newton's per coulomb

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 110/200

Unattempted Questions 90/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 35

Question 96 of 200

Direction of electric force and electric field intensity for a positive charge is:

a) Parallel to each other

b) Perpendicular to each other

c) Opposite to each other

d) Random

< Previous

Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	111/200
Unattempted Questions	89/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 33

Question 97 of 200

The change in potential energy per unit charge between two points in an electric field is called:

a) Potential difference

b) Absolute potential

c) Electric intensity

d) Permittivity

< Previous Skip >

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Attempted Questions	0/200	Skipped Questions	112/200
Unattempted Questions	88/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 32

Question 98 of 200

The electric flux through the surface of the sphere is directly proportional to the

a) Surface area of the sphere

b) Radius of the sphere

c) Charge at the centre of the sphere

d) Nature of charge

< Previous Skip >

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Attempted Questions	0/200	Skipped Questions	113/200
Unattempted Questions	87/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 31

Question 99 of 200

Electric Flux through the surface of a sphere which has constant charge at its centre depends on:

a) The radius of the sphere

b) The surface area of the sphere

c) The amount of charge inside the sphere

d) The amount of charge outside the sphere

< Previous Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	114/200
Unattempted Questions	86/200	Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 05 : 29

Question 100 of 200

Current is

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a) Scalar Quantity

b) Vector Quantity

c) Variable Quantity

d) Constant Quantity

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	115/200
Unattempted Questions	85/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 27

Question 101 of 200

Steady cur[illegible] not changing with respect to

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a) Conductor

b) Source

c) Time

d) Potential Difference

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Previous Skip

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Attempted Questions	0/200	Skipped Questions	116/200
Unattempted Questions	84/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 25

Question 102 of 200

Ohm's Law is applicable only when temperature is:

a) Changing

b) Absolute Zero

c) Constant

d) Decreasing

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	117/200
Unattempted Questions	83/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 24

Question 103 of 200

Resistivity of a substance is defined as the resistance of a _____ of that substance.

a) Meter

b) Meter Square

c) Meter Cube

d) Centimeter

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	118/200
Unattempted Questions	82/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 22

Question 104 of 200

Resistance of a conductor depends upon:

a) Temperature

b) Nature of a conductor

c) Length

d) Color

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	119/200
Unattempted Questions	81/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 21

Question 105 of 200

Terminal potential difference of a cell:

a) Increases with increase in its internal resistance

b) Decrease with increase in internal resistance

c) Is independent of its internal resistance

d) Varies exponentially with resistance

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	120/200
Unattempted Questions	80/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 20

Question 106 of 200

Study of magnets is called:

a) Electromagnetism

b) Magnetism

c) Electrostatics

d) Current electricity

Previous Skip

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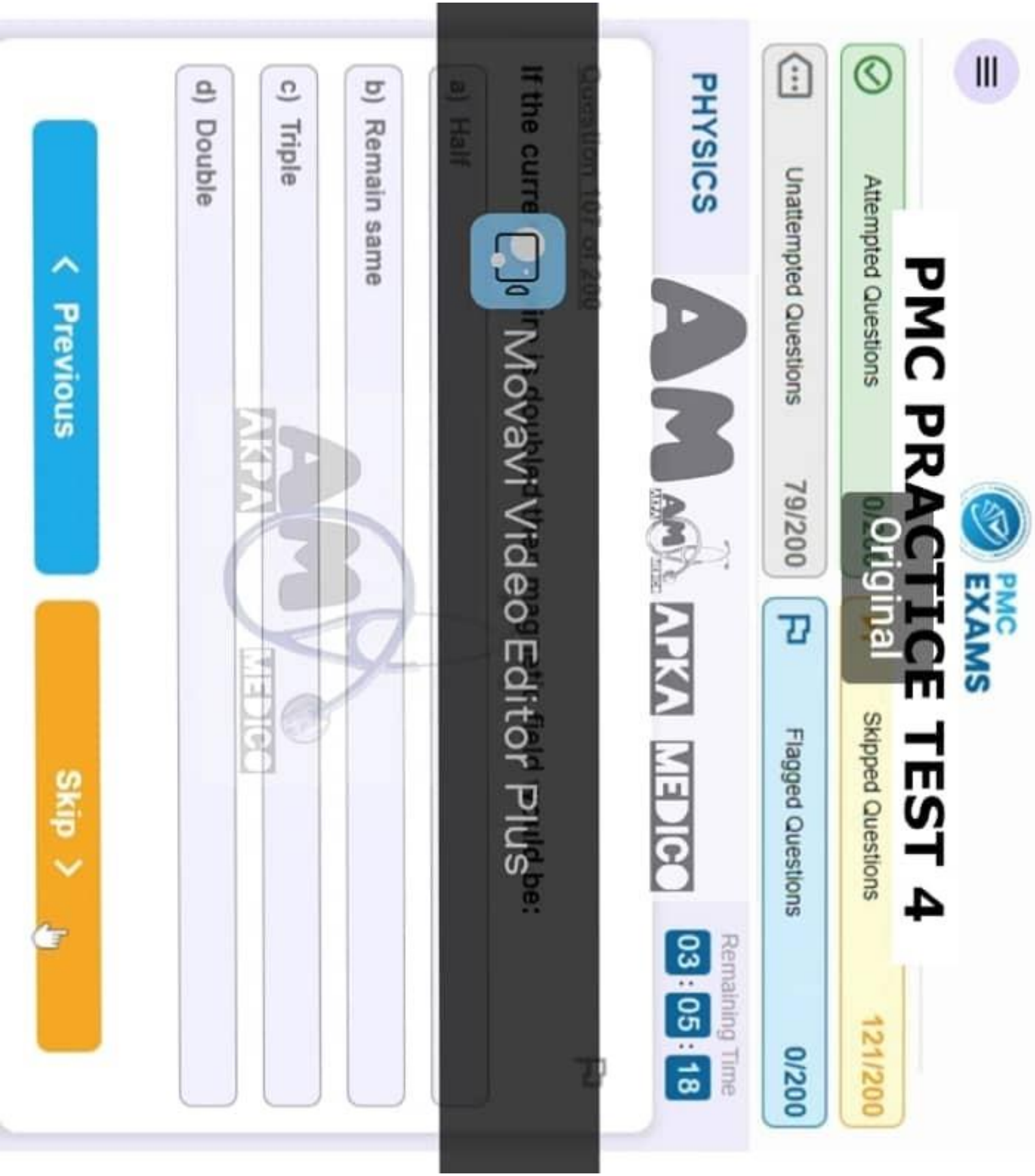

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Attempted Questions 0/200

Skipped Questions 122/200

Unattempted Questions 78/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 17

Question 106 of 200

The magnetic density is:

a) Magnetic field lines per unit area

b) Magnetic field lines per unit volume

c) Electric field lines per unit area

d) Electric field lines per unit volume

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< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 123/200

Unattempted Questions 77/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 15

Question 109 of 200

Current pr

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a) Induced current

b) Direct current

c) Polarized current

d) No current

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	124/200
Unattempted Questions	76/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 14

Question 110 of 200

Self inductance of a coil does not depends upon:

a) Length

b) Current

c) Number of turns

d) Area of coil

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200
Skipped Questions	125/200
Unattempted Questions	75/200
Flagged Questions	0/200

PHYSICS

Remaining Time 03 : 05 : 13

Question 111 of 200

The negative sign in Lenz's law indicates that the induced emf opposes the rate of change of:

a) Electric flux

b) Magnetic flux

c) Electric field

d) Magnetic field

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	126/200
Unattempted Questions	74/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 12

Question 112 of 200

The mechanical energy of our hand used to push the magnet towards or away from the coil results into:

a) Heat energy

b) Potential energy

c) Electrical energy

d) Mechanical energy

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	127/200
Unattempted Questions	73/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 11

Question 113 of 200

In step down transformer, current in secondary coil is ____ than current in primary coil:

a) Equal

b) Less

c) Greater

d) Unchanged

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	128/200
Unattempted Questions	72/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 09

Question 114 of 200

Transistors can be used as:

a) Half wave rectifier

b) Full wave rectifier

c) Photocell

d) Switch

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	129/200
Unattempted Questions	71/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 08

Question 116 of 200

Among the following four spectral regions, which photon has the highest energy?

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a) Infrared

b) Violet

c) Blue

d) Ultraviolet

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Previous Skip

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 131/200

Unattempted Questions 69/200

Flagged Questions 0/200

PHYSICS

Remaining Time 03 : 05 : 05

Question 117 of 200

Planck's c

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a) Inertia

b) Wave nature

c) Angular momentum

d) Linear momentum

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	132/200
Unattempted Questions	68/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 03

Question 118 of 200

The units for absorption power is:

a) Meter

b) Second

c) Henry

d) No Units

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	133/200
Unattempted Questions	67/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 03

Question 119 of 200

X rays are also known as:

a) Low energy Invisible Photons

b) High energy Visible Photons

c) High energy Invisible Photons

d) Low energy Visible Photons

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	134/200
Unattempted Questions	66/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 01

Question 120 of 200

The x-rays used in medical field have ____ intensity:

a) High

b) Low

c) Medium

d) Very high

Previous

Skip

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Attempted Questions	0/200	Skipped Questions	135/200
Unattempted Questions	65/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 05 : 00

Question 121 of 200

The ordinary TV screen made of cathode tube emits:

a) Cathode rays

b) Anode rays

c) Gamma rays

d) It emits no radiation

< Previous

Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	136/200
Unattempted Questions	64/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 03 : 04 : 58

Question 122 of 200

What is the relationship between half life of radioactive isotope and its wavelength?

a) They are equal in magnitude

b) They are directly proportional

c) They are inversely proportional

d) No relation

< Previous

Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	137/200
Unattempted Questions	63/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 58

Question 123 of 200

Which one of the following is calculated from balanced equation during determination of limiting reactant ?

a) Amount of reactants present

b) Amount of limiting reactant that produce the product

c) Amount of product expected to form from each reactant

d) Amount of excess reactant

< Previous Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 138/200

Unattempted Questions 62/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 56

Question 124 of 200

What is the [illegible] Movavi Video Editor Plus

a) 41.5

b) 38

c) 39.9

d) 38.9

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 139/200

Unattempted Questions 61/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 55

Question 129 of 200

A compound contains 18.9% hydrogen and 81.1% boron and has a molecular mass of 26 g/mol. The empirical formula of the compound is:

a) BeH2

b) Be2H

c) B4H

d) B2H5

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Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 140/200

Unattempted Questions 60/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 54

Question 120 of 200

The maximum number of electrons that can be accommodated in shell for which l = 3

a) 2

b) 32

c) 10

d) 8

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	141/200
Unattempted Questions	59/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 52

Question 127 of 200

The atomic number of calcium is 20. The electronic structure of a calcium ion can be represented as

a) 28

b) 284

c) 288

d) 2,882

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	142/200
Unattempted Questions	58/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 51

Question 128 of 200

Using the periodic table, indicate which one of the following elements is the most metallic?

a) Rb

b) K

c) Ca

d) Fe

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	143/200
Unattempted Questions	57/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 50

Question 129 of 200

Who named the positive rays produce by the hydrogen gas in the discharge tube?

a) Goldstein

b) Rutherford

c) Bohr

d) Chedwick

< Previous

Skip >

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PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	144/200
Unattempted Questions	56/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 49

Question 130 of 200

Gases behave ideally at

a) under normal temperature and pressure conditions. .

b) at room temperature and pressure

c) At high temperature and low pressures, gases behave ideally.

d) At high pressure and low temperature

< Previous Skip >

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Attempted Questions	0/200	Skipped Questions	145/200
Unattempted Questions	55/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 47

Question 131 of 200

Which one of the following is called as compressibility factor?

a) PV=nRT

b) PV/RT

c) PV/RT=n

d) PV/T=Rn

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200
Skipped Questions	146/200
Unattempted Questions	54/200
Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 47

Question 132 of 200

Gases can easily mix with each other to form a uniform mixture, this property is called:

a) Effusion

b) Homogenous Mixing

c) Diffusion

d) Heterogeneous mixing

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	147/200
Unattempted Questions	53/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 46

Question 133 of 200

Which of the following substances has the largest intermolecular forces of attraction?

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a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

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Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 148/200

Unattempted Questions 52/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 44

Question 134 of 200

Which of the following molecular forces of attraction ...

a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 149/200

Unattempted Questions 51/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 43

Question 139 of 200

Which soli

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a) Ionic solids

b) Covalent solids

c) Molecular solids

d) Metallic solids

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 150/200

Unattempted Questions 50/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 42

Question 139 of 200

Malleability

a) Drawn into wires

b) Converted into sheets

c) Drawn into wires and converted into sheets

d) breakable

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	151/200
Unattempted Questions	49/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 40

Question 137 of 200

The addition of an Acid or H+ ions to Acetic Acid buffer will

a) Increase the pH

b) Decrease the pH

c) have no effect on the pH

d) Both A and B

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Previous Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	152/200
Unattempted Questions	48/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 40

Question 138 of 200

Ksp (Solubility product) depends upon

a) pressure

b) Concentration

c) Temperature

d) volume

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	153/200
Unattempted Questions	47/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 39

Question 139 of 200

Addition of extra CH3COONa in acetate buffer soluton will:

a) Decrease pH

b) Have no effect on pH

c) Increase pH

d) First Increase then decrease

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	154/200
Unattempted Questions	46/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 37

Question 140 of 200

What is the unit of slope obtained from Arrhenius equation?

a) K

b) J/mol K

c) mol/K

d) K^{-}

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	155/200
Unattempted Questions	45/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 36

Question 141 of 200

Number of molecules possessing Ea Activation Energy can be increased by

a) Adding a Catalyst

b) Increasing the volume

c) Increasing Temperature

d) Increasing Number of Moles of Reactants

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 156/200

Unattempted Questions 44/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 34

Question 142 of 200

Which one of the following is the correct Editor Plus first law of thermodyn

a) $\Delta H = qw$

b) $\Delta H = q - \Delta P \Delta V$

c) $\Delta H = q + w$

d) $\Delta E = q + w$

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 157/200

Unattempted Questions 43/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 33

Question 143 of 200

In the air, N2 but not O2 to form oxides of nitrogen b

a) oxides of nitrogen are unstable

b) catalyst is required for the reaction

c) the reaction is endothermic

d) N2 and O2 do not react with each other

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 158/200

Unattempted Questions 42/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 32

Question 144 of 200

In the elec[illegible] Movavi Video Editor Plus[illegible]ve?

a) Move towards anode and discharge on it

b) Move towards Cathode and discharge on it

c) Move towards cathode,gain electron and dissolve in solution

d) Both a and b

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	19/200
Unattempted Questions	181/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 08 : 09

Question 145 of 200

In ion electron method of balancing equations , how oxygen is balanced?

a) O is balanced by adding O_2

b) O is balanced by adding H_2O

c) O is balanced by adding OH

d) All the ways are used

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	159/200
Unattempted Questions	41/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 31

Question 146 of 200

Which of the following orbital has lower energy?

a) Anti bonding molecular orbital

b) Anti bonding atomic orbitals

c) Bonding half filled orbitals

d) Bonding molecular orbital

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	160/200
Unattempted Questions	40/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 29

Question 147 of 200

In the gase[illegible] when ionization takes place _____ are isolated an[illegible]ree from all external influences.

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a) atoms and molecule

b) atom and cation

c) atom and anion

d) atom and ion

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	161/200
Unattempted Questions	39/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 28

Question 148 of 200

The bond l[illegible] of [illegible] is 171 kJ/mol

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a) C-C

b) Cl-Cl

c) Cl-H

d) C-Cl

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 162/200

Unattempted Questions 38/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 27

Question 149 of 200

Which of the following is the strongest oxidizing agent?

a) Cl2

b) Cl-

c) Br2

d) Br-

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200
Skipped Questions	163/200
Unattempted Questions	37/200
Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 26

Question 150 of 200

The increa[illegible] metals increase down the g[illegible] due to low

a) Ionic size

b) Atomic size

c) decrease of lattice energy

d) Hydration energy

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	164/200
Unattempted Questions	36/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 25

Question 151 of 200

Which of the following metal occurs in free state _____?

a) Gold

b) Iron

c) Mercury

d) Copper

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 165/200

Unattempted Questions 35/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 23

Question 152 of 200

Which of the following product is formed by reaction of aluminium with nitrogen ?

a) AlN_3

b) AlN

c) Al_3N_2

d) Al_2N_3

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	166/200
Unattempted Questions	34/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 21

Question 153 of 200

How many unpaired electrons are there in Co2+ ion?

a) 2

b) 3

c) 4

d) 7

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Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	167/200
Unattempted Questions	33/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 20

Question 154 of 200

Which one is a interstitial compound?

a) TiC

b) ZnO

c) BF_3

d) NH_3

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	168/200
Unattempted Questions	32/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 19

Question 155 of 200

The breaking of large molecules by heating at high temperature and pressure is called:

a) Reforming

b) Steam cracking

c) Catalytic cracking

d) Thermal cracking

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	169/200
Unattempted Questions	31/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 18

Question 156 of 200

Which of the following has anti knocking properties?

a) $(CH_3CH_2)_4Sn$

b) $(CH_3CH_2)_4Pb$

c) $(CH_3CH_2)_4Ge$

d) $(CH_3CH_2)_4Si$

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Previous Skip

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 170/200

Unattempted Questions 30/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 04 : 16

Question 1 of 200

Which of the following molecule has highest boiling point at STP.

a) Kerosine oil

b) Lubricating oil

c) Gasoline

d) Natureal gas

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	171/200
Unattempted Questions	29/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 13

Question 158 of 200

Which of the following undergoes sulfonation the fastest?

a) Benzene

b) Chlorobenzene

c) Nitrobenzene

d) Toluene

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	172/200
Unattempted Questions	28/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 13

Question 159 of 200

White precipitates are formed when _____ is passed from ammoniacal solution of silver nitrate.

a) Methylene

b) Ethylene

c) Acetylene

d) vinylene

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	173/200
Unattempted Questions	27/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 04 : 11

Question 160 of 200

The termination step of the Halogenation of alkanes in the presence of sunlight involves the formation of:

a) Free radicals

b) Cations

c) Anions

d) Molecules

Previous Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	174/200
Unattempted Questions	26/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 09

Question 161 of 200

The C-C bond length in benzene is:

a) 1.39 Angstrom

b) 1.20 Angstrom

c) 1.34 Angstrom

d) 1.54 Angstrom

Previous Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	175/200
Unattempted Questions	25/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 08

Question 102 of 200

Benzene is [illegible] stable than hypothetical 1,3,5-cyclohexatriene by:

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a) 150.5 kJ/mol

b) 150.5 J/mol

c) 150.5 kJ/molecule

d) 150.5 J/molecule

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	176/200
Unattempted Questions	24/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 06

Question 163 of 200

The correc[illegible] of CH_2Cl_2 is:

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a) Methyl chloride

b) Methylene chloride

c) Chloroform

d) Carbonyl chloride

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Previous Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	177/200
Unattempted Questions	23/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 05

Question 164 of 200

Which one [illegible] following is a strong Nucleophile?

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a) Cl-

b) Br-

c) OH-

d) HSO4-

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Previous Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	178/200
Unattempted Questions	22/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 02

Question 165 of 200

2-chlorobutane belongs to:

a) Primary Alkyl halides

b) Secondary Alkyl Halides

c) Tertiary Alkyl Halides

d) Quarternary Alkyl halides

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	179/200
Unattempted Questions	21/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 04 : 02

Question 166 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	180/200
Unattempted Questions	20/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 04 : 00

Question 167 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	181/200
Unattempted Questions	19/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 03 : 59

Question 168 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

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Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 182/200

Unattempted Questions 18/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 03 : 57

Question 169 of 200

Aldehyde common names are derived from carboxylic acid names with the same number of:

a) Hydrogen atoms

b) Carbon atoms

c) Oxygen atoms

d) Carbon and hydrogen atoms

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	183/200
Unattempted Questions	17/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 03 : 55

Question 170 of 200

The carbanion, anka, the molecule of an alpha carbonyl compound to form

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a) an alkoxide group

b) aldol

c) a carbanion

d) a carbonium ion

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	184/200
Unattempted Questions	16/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 03 : 03 : 54

Question 171 of 200

Fehling's s[illegible] is

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a) alkaline-cupric citrate complex ion

b) ammonical AgNO3

c) alkaline cupric tartarate complex ion

d) sodium nitroprusside solution

Previous

Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	185/200
Unattempted Questions	15/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 03 : 03 : 51

Question 172 of 200

Which one of the following is not an accepted common name?

a) Butanoic acid

b) Formic acid

c) Propionic acid

d) Acetic acid

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 03 : 50

Question 173 of 200

Salts of carboxylic acids can be converted into corresponding carboxylic acid by treating with

a) water

b) base

c) acid anhydrides

d) acid

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 03 : 49

Question 174 of 200

The flavour of amyl butyrate is:

a) Mango

b) Raspberry

c) Apricot

d) Orange

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 03 : 03 : 47

Question 175 of 200

Lattice energy does not depend on the:

a) Nature of Charge on the ion

b) Size of the ions

c) Magnitude of charge on the ion

d) Room temperature

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 03 : 03 : 45

Question 176 of 200

What is the [illegible] formed?

a) Positive Value

b) Negative Value

c) Zero value

d) Positive fraction value

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 43

Question 177 of 200

"The old b[illegible] is now a pedestrian. Find the synonym of ""pedestra[illegible]

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a) arrival

b) palace

c) pavement

d) precinct

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 03 : 42

Question 176 of 200

I must boo[illegible] Movavi Video Editor Plus

a) field

b) court

c) green

d) team

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 40

Question 179 of 200

The ice is very _____ so do not walk on it, or you will fall in.

a) high

b) low

c) thick

d) thin

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Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 39

Question 180 of 200

Children always _____ the truth.

a) are speaking

b) speak

c) will speak

d) spoke

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 38

Question 181 of 200

He often_____to school in time.

a) will go

b) goes

c) will be going

d) have gone

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 36

Question 182 of 200

I _____ to quit my job and have planned to apply for another one.

a) decided

b) have decided

c) had decided

d) was decided

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Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

Remaining Time 03 : 03 : 35

Question 183 of 200

She said that she was happy. Which type of narration is used here?

a) Indirect

b) Direct

c) Simple

d) Complex

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 03 : 33

Question 184 of 200

Choose the correct option

a) He was accused of theft.

b) He was accused from theft.

c) He was accused off theft.

d) He was accused with theft.

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 03 : 31

Question 186 of 200

We need to ____ MovaviVideoEditorPlus

a) other

b) another

c) others

d) the other

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 29

Question 186 of 200

We are still a long way from _____ home.

a) a

b) an

c) the

d) no article

AM AKPA MEDICO

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	186/200
Unattempted Questions	14/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 29

Question 187 of 200

Adil insisted ,we all go out for _____ cup of coffee.

a) a

b) an

c) the

d) no article

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	187/200
Unattempted Questions	13/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 28

Question 188 of 200

They had to put _____ the meeting when the general director didn't turn_____ .

a) on... off

b) up... off

c) off... on

d) off... up

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	188/200
Unattempted Questions	12/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 26

Question 189 of 200

Choose the correct spelling of the word.

a) Racommend

b) Racomand

c) Recomend

d) Recommend

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	189/200
Unattempted Questions	11/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 24

Question 190 of 200

Choose the correct spelling of the word.

a) Annehilate

b) Anihilate

c) Annihilate

d) Anehilate

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 190/200

Unattempted Questions 10/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 03 : 23

Question 191 of 200

Choose the correct spelling of Movavi Video Editor Plus

a) Ignomeny

b) Ignominy

c) Ignomminy

d) Ignomny

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	191/200
Unattempted Questions	9/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 22

Question 192 of 200

Many jobs [illegible] require that the applicant must be [illegible] College graduate.
This sente[illegible]s an error of :

Movavi Video Editor Plus

a) Grammar

b) Capitalization

c) Spelling

d) Punctuation

AM AKPA MEDICO

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 192/200

Unattempted Questions 8/200

Flagged Questions 0/200

ENGLISH

Remaining Time 03 : 03 : 20

Question 193 of 200

The applic[illegible] has an erro[illegible] Movavi Video Editor Plus This sentence

a) Grammar

b) Capitalization

c) Spelling

d) Punctuation

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	193/200
Unattempted Questions	7/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 03 : 03 : 18

Question 194 of 200

Which one is correct? Read carefully.

a) If it had not been this sort of a school, it would probably not have taken Chips.

b) If it had not been this sort of school, it would probably not have taken Chips.

c) If it had not been this sort of school, it will probably not have taken chips.

< Previous Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	194/200
Unattempted Questions	6/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 03 : 03 : 17

Question 195 of 200

A. Thousands of people were killed early in the morning along the coastline. B. Hundreds of birds suddenly flew away from the ground.

a) Statement A is the cause and statement B is its effect.

b) Statement B is the cause and Statement A is its effect.

c) Both statements are independent causes.

d) Both statements are independent causes.

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	195/200
Unattempted Questions	5/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 03 : 03 : 16

Question 196 of 200

Statement : The vehicular traffic has increased so much in the recent past that it takes at least two hours to travel between the city and the airport during peak hours.

Courses of Action : I. Non-airport bound vehicles should not be allowed to use the road connecting the city and the airport. II. The load of vehicular traffic should be diverted through various link roads during peak hours. III. The departure and arrival of flights should be regulated so as to avoid congestion during peak hours.

a) Only I follows

b) Only II follows

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 196/200

Unattempted Questions 4/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 03 : 03 : 15

Question 197 of 200

From the following, which one is an odd pair?

a) Petrol- Car

b) Oil - Lamp

c) Coal - Engine

d) Smoke_ Fire

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions 0/200

Skipped Questions 197/200

Unattempted Questions 3/200

Flagged Questions 0/200

LOGICAL REASONING

Remaining Time 03 : 03 : 14

Question 198 of 200

Which of the following animals is different from the others?

a) Whale

b) Tiger

c) Shark

d) Jellyfish

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	199/200
Unattempted Questions	1/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 03 : 03 : 06

Question 200 of 200

A four-person crew from Classic Colors is painting Mrs. Farhan's house. Mohit is painting the front of the house. Riaz is in the alley behind the house painting the back. Javed is painting the window frames on the north side, Shan is on the south. If Mohit switches places with Javed, and Javed then switches places with Shan, where is Shan?

a) In the alley behind the house

b) On the north side of the house

c) In front of the house

Previous

Skip/End Exam

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PMC EXAMS

PMC PRACTICE TEST 4

Attempted Questions	0/200	Skipped Questions	199/200
Unattempted Questions	1/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 03 : 03 : 06

Question 200 of 200

A four-person crew from Classic Colors is painting Mrs. Farhan's house. Mohit is painting the front of the house. Riaz is in the alley behind the house painting the back. Javed is painting the window frames on the north side, Shan is on the south. If Mohit switches places with Javed, and Javed then switches places with Shan, where is Shan?

a) In the alley behind the house

b) On the north side of the house

c) In front of the house

Previous

Skip/End Exam

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	4/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 24

Question 1 of 200

A virus has [illegible] genome which is enclosed by a protein coat, called:

a) Spore

b) Capcid

c) Envelop

d) Shell

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	4/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 19

Question 2 of 200

Viruses are able to recognize the host surface by means of their:

a) Capsid

b) Spikes

c) DNA

d) RNA

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	4/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 18

Question 3 of 200

Reverse transcriptase of HIV is used in:

a) Conversion of viral RNA into viral DNA

b) Conversion of viral RNA into host DNA

c) Conversion of viral DNA into viral RNA

d) Conversion of host DNA into viral DNA

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	4/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 16

Question 4 of 200

Human immunodeficiency virus is:

a) An RNA enveloped virus

b) A DNA enveloped virus

c) An RNA non-enveloped virus

d) An DNA non-enveloped virus

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	4/200
Unattempted Questions	196/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 15

Question 5 of 200

In aerobic respiration, chemiosmosis occurs during :

a) Electron transport chain

b) Photo phosphorylation

c) Glycolysis

d) Kreb's cycle

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	5/200
Unattempted Questions	195/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 14

Question 6 of 200

One ATP molecule contains 1% of total energy of glucose. In anaerobic reactions how much energy of glucose is released as ATP :

a) 1%

b) 2%

c) 36%

d) 38%

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	6/200
Unattempted Questions	194/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 11

Question 7 of 200

Which of the following is the final electron acceptor in respiratory electron transport chain?

a) NADP+

b) Molecular oxygen

c) PS-I

d) PS-II

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	7/200
Unattempted Questions	193/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 09

Question 8 of 200

Neil investigation on photosynthesis was carried on :

a) Cyanobacteria

b) Angiosperms

c) Algae

d) Bacteria

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	8/200
Unattempted Questions	192/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 08

Question 9 of 200

Which of the following is milk sugar?

a) Sucrose

b) Lactose

c) Maltose

d) Starch

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	9/200
Unattempted Questions	191/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 07

Question 10 of 200

When two amino acids such as glycine and alanine are variously arranged to make dipeptides. How many different dipeptide combinations can be produced?

a) 1

b) 2

c) 3

d) 4

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	10/200
Unattempted Questions	190/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 05

Question 11 of 200

Which of the following bonds maintain the primary structure of a protein

a) Hydrogen bonds

b) Peptide bonds

c) Disulphide bonds

d) Hydrophobic interaction

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	11/200
Unattempted Questions	189/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 03

Question 12 of 200

Maximum how many carbon atoms does an oligosaccharide contain?

a) 3

b) 7

c) 70

d) Many thousands

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	12/200
Unattempted Questions	188/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 02

Question 13 of 200

Cholesterol is not present in _____

a) milk

b) egg white

c) egg yolk

d) fish

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	13/200
Unattempted Questions	187/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 59 : 00

Question 14 of 200

Hydrogen bonding produces a regular coiled arrangement in proteins called

a) α-helix

b) β-helix

c) Tertiary conformation

d) Quaternary structure

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	14/200
Unattempted Questions	186/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 59

Question 15 of 200

Which of the following is correct about globular proteins?

a) Insoluble in water

b) Elastic in nature

c) Can be crystalized

d) their final structure is secondary

Previous

Skip

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	15/200
Unattempted Questions	185/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 58

Question 16 of 200

Which cell organelle is incorrectly matched with its function?

a) Chloroplast – carbon fixation

b) Mitochondria – ATP synthesis

c) Cell membrane – cell recognition

d) Golgi apparatus – intracellular digestion

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	16/200
Unattempted Questions	184/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 56

Question 17 of 200

Which interactions are responsible for the formation of lipid bilayer in the watery environment of the body?

a) Hydrophobic interactions between fatty acid tails

b) Hydrophobic interactions between phosphate heads

c) Hydrophilic interactions between fatty acid tails

d) Hydrogen bonding between fatty acid tails

< Previous Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	17/200
Unattempted Questions	183/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 55

Question 18 of 200

Which of the following is responsible for giving firmness and box-like shape to plant cells?

a) Cell wall

b) Cell wall and vacuole

c) Nucleus and vacuole

d) Cell membrane

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	18/200
Unattempted Questions	182/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 53

Question 19 of 200

Golgi complex was discovered by which scientist?

a) Robert Brown

b) Camillo Golgi

c) De Duve

d) Robert Hooke

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	19/200
Unattempted Questions	181/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 51

Question 20 of 200

Which of these is the right combination of molecules which make up the secondary cell wall in plant cells?

a) Cellulose, lignin and xylem

b) Cellulose, hemicellulose and lignin

c) Cellulose only

d) Cellulose, hemicellulose and pectin

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	20/200
Unattempted Questions	180/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 49

Question 21 of 200

Which of the following is the system of elongated sac like structures (cisternae) or tubes linking the cell surface membrane and the nuclear envelope?

a) Mirotubules

b) Endoplasmic reticulum

c) Golgi complex

d) Microfilaments

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	21/200
Unattempted Questions	179/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 48

Question 22 of 200

Which one of the following can easily pass through plasma membrane

a) Fat soluble substances

b) Proteins

c) Highly charged materials

d) Polysacchrides

< Previous Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	22/200
Unattempted Questions	178/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 46

Question 23 of 200

Endemic goitre relates to which altered function?

a) Increased Pancreas function

b) Increased Thyroid function

c) Decreased Pancreas function

d) Decreased Thyroid function

< Previous

Skip >

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	23/200
Unattempted Questions	177/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 58 : 45

Question 24 of 200

How many hormones does the Islets of Langerhans secrete?

a) 1

b) 2

c) 3

d) 4

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	153/200
Unattempted Questions	47/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 55 : 07

Question 25 of 200

The anterior part of cerebral hemisphere located in the cerebrum is classified as?

a) Ganglion bulbs

b) Axon bulbs

c) Dendrite bulbs

d) Olfactory bulbs

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	154/200
Unattempted Questions	46/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 02 : 55 : 05

Question 26 of 200

Grave's disease is produced due to which of the following?

a) Under Secretion of thyroxine

b) Under Secretion of corticosteroids

c) Overproduction of corticosteroids

d) Overproduction of thyroxine

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	155/200
Unattempted Questions	45/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 55 : 03

Question 27 of 200

Insufficient secretion of thyroxine in adults causes which of the following disorders?

a) Myxedema

b) Cretinism

c) Goiter

d) Addison's disease

Previous Skip

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	156/200
Unattempted Questions	44/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 55 : 02

Question 28 of 200

Which of the following is second largest part of the brain?

a) Cerebellum

b) Cerebrum

c) Hypothalamus

d) Thalamus

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	157/200
Unattempted Questions	43/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 55 : 01

Question 29 of 200

Which of the following is true about cnidarians?

a) They are deuterostomic animals

b) They are triploblastic animals

c) They are protostomous animals

d) They are diploblastic animals

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 158/200

Unattempted Questions 42/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 55 : 00

Question 30 of 200

Which of the following animal phylum is included in series deuterostomia?

a) Platyhelminthes

b) Annelida

c) Chordata

d) Mollusca

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 159/200

Unattempted Questions 41/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 59

Question 31 of 200

Which of the following invertebrate phylum consists of the most abundant species on planet Earth:

a) Porifera

b) Cnidaria

c) Arthropoda

d) Mollusca

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 160/200

Unattempted Questions 40/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 58

Question 32 of 200

Which among the following lacks the nervous system?

a) Flat worms

b) Annelida

c) Cnidaria

d) Sponge

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 161/200

Unattempted Questions 39/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 56

Question 33 of 200

The enzyme shown in the Molovalex Video Edition Pt 1 of the enzyme molecule?

a) Binding site

b) Allosteric site

c) Catalytic site

d) On all over the surface of enzyme

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	162/200
Unattempted Questions	38/200
Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 54

Question 34 of 200

In non-competitive inhibition the extent of inhibition depends only on?

a) Concentration of enzyme

b) Concentration of substrate

c) Concentration of ES complex

d) Concentration of inhibitor

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	163/200
Unattempted Questions	37/200
Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 52

Question 35 of 200

When the salivary amylase is reached in stomach cavity:

a) It becomes an apoenzyme

b) It is denatured

c) It participates in protein digestion

d) It remains unaffected

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 164/200

Unattempted Questions 36/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 51

Question 36 of 200

Which of the following may attach on active site of an enzyme?

a) Products

b) Coenzyme

c) Activator

d) Inhibitor

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	165/200
Unattempted Questions	35/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 49

Question 37 of 200

Which of the following part of enzyme recognize the substrate?

a) Binding site

b) Active site

c) Catalytic site

d) Overall structure of an enzyme

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 166/200

Unattempted Questions 34/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 48

Question 38 of 200

Which of the following shows significant effect of Genetic drift ?

a) Animal population

b) Plant population

c) Large population

d) Small population

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 167/200

Unattempted Questions 33/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 46

Question 39 of 200

Which of the following was proposed by Lamarck in his theory?

a) Overproduction

b) struggle for existance

c) Natural selection

d) Use and disuse of organs

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 168/200

Unattempted Questions 32/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 44

Question 40 of 200

Most likely people who perform vigorous manual work develop

a) thick subcutaneous fat in their palms

b) greater quantity of melanin all over the body

c) Strong calf muscles

d) certain aquired characters

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 169/200

Unattempted Questions 31/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 42

Question 41 of 200

According to Darwin, the most critical factor for evolution is:

a) Migration

b) Mutation

c) Natural selection

d) Genetic drift

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 170/200

Unattempted Questions 30/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 41

Question 42 of 200

Lungs are spongy due to the presence of million of?

a) Alveoli

b) Parabronchi

c) Air sacs

d) Bronchioles

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	171/200
Unattempted Questions	29/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 40

Question 43 of 200

Functional units of lungs are called which of the following?

a) Alveoli

b) Parabronchi

c) Air sacs

d) Bronchioles

Previous

Skip

Scanned with CamScanner

PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 172/200

Unattempted Questions 28/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 38

Question 44 of 200

Which of the following fish drink large amount of seawater and excrete concentrated urine resulting in maximum salt excretion and minimal water loss?

a) Hagfish

b) Freshwater fish

c) Bony fish

d) Cartilaginous fishes

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 173/200

Unattempted Questions 27/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 35

Question 45 of 200

Which respiration is directly involved in the production of energy, necessary for all living activities?

a) Organismic

b) Cellular

c) Breathing

d) External respiration

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	174/200
Unattempted Questions	26/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 33

Question 46 of 200

The mechanism of regulation, generally between organism and its environment, of solutes and the gain and the loss of water is called?

a) Hemostasis

b) Homeostasis

c) Osmoregulation

d) Thermoregulation

< Previous Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 175/200

Unattempted Questions 25/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 32

Question 47 of 200

Iliac vein from the lower limb's unit to form:

a) Vena cava

b) Renal vein

c) Hepatic portal vein

d) Cardiac vein

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 176/200

Unattempted Questions 24/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 30

Question 48 of 200

Plasma proteins synthesized in:

a) Gall bladder

b) Liver

c) Spleen

d) Skin

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 177/200

Unattempted Questions 23/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 29

Question 49 of 200

A bacterial cell envelop does not include :

a) Slime

b) Campsule

c) Cell wall

d) Cell membrane

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	178/200
Unattempted Questions	22/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 27

Question 50 of 200

A periplasmic space is:

a) The space between outer membrane and peptidoglycan layer of cell wall

b) The space between cell membrane and cell wall

c) The space within the cell

d) The space between phospholipid bilayer

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 179/200

Unattempted Questions 21/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 25

Question 51 of 200

Which of the following bacteria which also called cyanobacteria is of nature?

a) Pathogenic bacteria

b) Parasitic bacteria

c) Photosynthetic bacteria

d) Saprotrophic bacteria

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	180/200
Unattempted Questions	20/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 22

Question 52 of 200

A chemical which is applied on non living surface in order to control bacteria is called:

a) Disinfectants

b) Antiseptic

c) Vaccines

d) Antibiotics

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	181/200
Unattempted Questions	19/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 21

Question 53 of 200

Which of the following is true about staphylococcus?

a) It is chain of spherical bacteria

b) It is bunch of spherical bacteria

c) It is square of spherical bacteria

d) It is cube of spherical bacteria

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 182/200

Unattempted Questions 18/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 19

Question 54 of 200

End of menstrual cycle in old age is called?

a) Menarche

b) Abortion

c) Menopause

d) Telophase

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	183/200
Unattempted Questions	17/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 18

Question 55 of 200

The union of meiotically produced specialized sex cells from each parents produce?

a) Corpus luteum

b) Embryo

c) Zygote

d) Neuroglial cells

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 184/200

Unattempted Questions 16/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 16

Question 56 of 200

Which of the following is the number of chromosomes in human zygote?

a) n

b) 2n

c) 3n

d) 4n

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 185/200

Unattempted Questions 15/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 14

Question 57 of 200

In reproductive system, semen refers to which of the following?

a) Fluid and sperms

b) Blood cells and plasma

c) Blood and sperms

d) Egg and sperms

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 186/200

Unattempted Questions 14/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 12

Question 58 of 200

Which of the following part of sperm cell penetrates into the ovum during fertilization?

a) Cytoplasm

b) Nucleus

c) Acrosome

d) Mitochondria

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 187/200

Unattempted Questions 13/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 11

Question 59 of 200

Hip joint and shoulder joint are the examples of:

a) Ball and Socket Joint

b) Hinge Joint

c) Fibrous joint

d) Cartilaginous joints

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	188/200
Unattempted Questions	12/200
Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 10

Question 60 of 200

Cardiac tissue is made up of :

a) Cardiac muscle

b) Smooth muscles

c) Skeletal muscles

d) Gut muscles

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 189/200

Unattempted Questions 11/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 08

Question 61 of 200

The composition of skeletal muscle is:

a) Myosin only

b) Actin only

c) Actin, myosin and troponin

d) Actin, myosin and tropomyosin

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	190/200
Unattempted Questions	10/200	Flagged Questions	0/200

BIOLOGY

AM APKA MEDICO

Remaining Time 02 : 54 : 07

Question 62 of 200

The skeletal system consists of:

a) All bones in body

b) All muscles and tendons

c) All body organs both soft and hard tissues

d) All the bones in the body and tissues that connect them

Previous Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	191/200
Unattempted Questions	9/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 04

Question 63 of 200

What is the ratio of homozygous to heterozygous individuals in F2 generation of monohybrid cross

a) 1 ratio 1

b) 1 ratio 2

c) 1 ratio 3

d) 3 ratio 1

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 192/200

Unattempted Questions 8/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 54 : 01

Question 64 of 200

The genetic information for a specific character is detrmined by

a) Genome

b) Transposon

c) Gene

d) Trait

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	193/200
Unattempted Questions	7/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 54 : 00

Question 65 of 200

Blood group AB negative can receive:

a) Blood group A posative

b) Blood group B posative

c) Blood group O posative

d) Any of the negative blood group

Previous

Skip

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 194/200

Unattempted Questions 6/200

Flagged Questions 0/200

BIOLOGY

Remaining Time 02 : 53 : 58

Question 66 of 200

Blood group O negative can receive:

a) Blood group A positive

b) Blood group B positive

c) Blood group O negative

d) Any of the positive blood group

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	195/200
Unattempted Questions	5/200
Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 57

Question 67 of 200

Which of the following is the wildtype phenotype of eye color in Drosophila

a) Black eyes

b) White eyes

c) Light red eyes

d) Bright red eyes

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	196/200
Unattempted Questions	4/200	Flagged Questions	0/200

BIOLOGY

Remaining Time 02 : 53 : 55

Question 68 of 200

Which of the following disease is create incidence in human male than female?

a) Haemophilia

b) Cystic fibrosis

c) Thalassemia

d) Cretinism

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	197/200
Unattempted Questions	3/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 02 : 53 : 52

Question 69 of 200

If the bird catches its prey from a height which was initially at rest then momentum will conserve for:

a) Bird

b) Prey

c) Either bird and prey

d) Both bird and prey

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 198/200

Unattempted Questions 2/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 53 : 51

Question 70 of 200

A wagon of mass 1000 kg moves 50 km/h on smooth rails. Later, a mass of 250 kg is placed in the wagon. What is the velocity with which it moves?

a) 20 km/h

b) 50 km/h

c) 40 km/h

d) 25 km/h

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 199/200

Unattempted Questions 1/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 53 : 49

Question 71 of 200

A force of 50 dynes is acted on a body of mass 5 g which is at rest for an interval of 3 seconds, then impulse is

a) 0.00015 N.s

b) 0.0015 N.s

c) 0.15 N.s

d) 1.5 N.s

Previous

Skip/End Exam

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	56/200
Unattempted Questions	144/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 02 : 57 : 52

Question 72 of 200

The total momentum of a flock of identical birds could be zero only if the birds are:

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a) Taking off from the ground

b) Flying in the same direction

c) Flying in different directions

d) Very tired and coming down to rest

Previous Skip

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Attempted Questions	0/200	Skipped Questions	57/200
Unattempted Questions	143/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 02 : 57 : 50

Question 73 of 200

Which of the following quantities has no effect on simple projectile motion?

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a) Velocity

b) Force

c) Mass

d) Acceleration

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200	Skipped Questions 58/200
Unattempted Questions 142/200	Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 48

Question 74 of 200

If a particle launched with 5m/s at angle of 45 degree, then time of flight is:

a) 1.44 s

b) 0.72 s

c) 0.6 s

d) 0.5 s

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 59/200

Unattempted Questions 141/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 47

Question 75 of 200

Kinetic energy of an oscillating simple pendulum at the equilibrium positionis:

a) Maximum

b) Minimum

c) Zero

d) Information insufficient

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 60/200

Unattempted Questions 140/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 45

Question 76 of 200

A car and a train both have same kinetic energy. Which one has greater momentum?

a) Car

b) Train

c) Both have same

d) No change

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 61/200

Unattempted Questions 139/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 43

Question 77 of 200

Unit of power in british engineering system is:

a) Horse power

b) Watt

c) Kilowatt

d) Joule

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 62/200

Unattempted Questions 138/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 41

Question 78 of 200

A 10kW motor pumps out water from a well 10 meters deep. What is the quantity of water pumped out per second?

a) 9.2 kg

b) 9.5 kg

c) 10.2 kg

d) 10.8 kg

< Previous

Skip >

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PMC EXAMS

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Attempted Questions	0/200
Skipped Questions	63/200
Unattempted Questions	137/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 39

Question 79 of 200

The acceleration produced by the centripetal force is always:

a) Directed parallel to the center of the circle

b) Directed perpendicular to the center of the circle

c) Directed towards the center of the circle

d) Directed away from the center of the circle

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 64/200

Unattempted Questions 136/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 38

Question 80 of 200

The earth rotates 360 ∘ about its axis in about 24 hours. By how many degrees will it rotate in 2 hours?

a) 90

b) 60

c) 30

d) 15

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 65/200

Unattempted Questions 135/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 36

Question 81 of 200

The direction associated with angular displacement is given by:

a) Left-hand rule

b) Head to tail rule

c) Right-hand rule

d) Fleming left hand rule

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	66/200
Unattempted Questions	134/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 34

Question 82 of 200

Centripetal force is provided by_____ in a frictional road around a circular path:

a) Friction force

b) Normal force

c) Gravitational force

d) Pseudo forces

Previous

Skip

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Attempted Questions 0/200

Skipped Questions 67/200

Unattempted Questions 133/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 32

Question 83 of 200

Speed of sound does not depend on

a) Pressure

b) Density

c) Adiabatic index

d) Amplitude

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 68/200

Unattempted Questions 132/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 30

Question 84 of 200

The speed cannot be greater than:

a) Speed of shock wave

b) Speed of light

c) Speed of water wave

d) Speed of sound in vacuum

Previous

Skip

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Attempted Questions 0/200

Skipped Questions 69/200

Unattempted Questions 131/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 29

Question 85 of 200

The sound wave has no:

a) Frequency of the wave

b) Energy

c) Nodes

d) Intensity

Previous

Skip

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Attempted Questions 0/200	Skipped Questions 70/200
Unattempted Questions 130/200	Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 27

Question 86 of 200

Sound waves are considered as____ waves:

a) Compressional

b) Transverse

c) Longitudinal

d) Shock

< Previous

Skip >

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Attempted Questions 0/200	Skipped Questions 71/200
Unattempted Questions 129/200	Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 26

Question 87 of 200

Stationary waves are produced by:

a) Reflection

b) Interference

c) Diffraction

d) Rarefaction

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	72/200
Unattempted Questions	128/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 24

Question 88 of 200

When two ends of string are struck together simultaneously such that two troughs are traveling towards each other, than at reaching the centre of string ____ is formed:

a) Higher amplitude

b) Lower amplitude

c) Waves die immediately

d) Troughs converted to crest

Previous

Skip

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Attempted Questions 0/200

Skipped Questions 73/200

Unattempted Questions 127/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 22

Question 89 of 200

Waves which need medium to travel are:

a) Light

b) Stationary

c) Sound

d) Both sound and stationary

< Previous

Skip >

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Attempted Questions	0/200
Skipped Questions	74/200
Unattempted Questions	126/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 21

Question 90 of 200

For a monatomic ideal gas of n moles

a) 1.4

b) 1.67

c) 5

d) 3

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 75/200

Unattempted Questions 125/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 20

Question 91 of 200

Cp for monatomic gas in terms of R is:

a) 3/5 R

b) 5/3 R

c) 5/4 R

d) 5/2 R

Previous

Skip

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PMC EXAMS

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Attempted Questions	0/200
Skipped Questions	76/200
Unattempted Questions	124/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 17

Question 92 of 200

Cp = 49 J/K.mole and Cv= 35 J/K,mol then what type of gas is this?

a) Diatomic

b) Monatomic

c) Triatomic

d) Nonlinear triatomic

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	77/200
Unattempted Questions	123/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 16

Question 93 of 200

Which of the following forces are only attractive?

a) Electrostatic forces

b) Gravitational forces

c) Magnetic forces

d) Forces between same poles of magnet

Previous

Skip

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Attempted Questions	0/200	Skipped Questions	79/200
Unattempted Questions	121/200	Flagged Questions	0/200

PHYSICS

AM APKA MEDICO

Remaining Time 02 : 57 : 14

Question 95 of 200

Parallel combination of two capacitor C1 and C2 is:

a) C1+ C2

b) (C1)(C2)

c) (C1C2)/(C1+C2)

d) C1/C2

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 79/200

Unattempted Questions 121/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 14

Question 95 of 200

Parallel combination of two capacitor C1 and C2 is:

a) C1+ C2

b) (C1)(C2)

c) (C1C2)/(C1+C2)

d) C1/C2

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 80/200

Unattempted Questions 120/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 57 : 13

Question 96 of 200

Charge inside conductor is:

a) Possible

b) Can be greater than zero

c) Zero

d) Negative always

Previous

Skip

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PMC EXAMS

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Attempted Questions	0/200	Skipped Questions	81/200
Unattempted Questions	119/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 07

Question 97 of 200

The electric flux through a closed surface depends upon the:

a) Size of the surface

b) Shape of the surface

c) Position of charge enclosed in the surface

d) Magnitude of charge enclosed in the surface

Previous

Skip

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PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	82/200
Unattempted Questions	118/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 06

Question 98 of 200

Electric potential determines the flow of?

a) Atom

b) Molecule

c) Compound

d) Charge

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	83/200
Unattempted Questions	117/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 02 : 57 : 03

Question 99 of 200

In parallel plate capacitor Capacitance depends on:

a) Charge

b) Electric field

c) Voltage

d) Crosssectional area

Previous

Skip

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Attempted Questions	0/200
Skipped Questions	84/200
Unattempted Questions	116/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 57 : 03

Question 100 of 200

Ohm's law is valid at _____ temperatures

a) Constant

b) Varying

c) Low

d) High

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	85/200
Unattempted Questions	115/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 02 : 57 : 00

Question 101 of 200

In order to achieve high accuracy, the slide wire of a potentiometer should be

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a) As long as possible

b) As short as possible

c) Neither too small not too large

d) Very thick

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	86/200
Unattempted Questions	114/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 57

Question 102 of 200

_____ is a source of electrical energy having fixed polarity and terminals

a) Motor

b) Metals

c) Battery

d) Generator

Previous

Skip

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Attempted Questions 0/200

Skipped Questions 87/200

Unattempted Questions 113/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 55

Question 103 of 200

Correct form of ohm's law

a) i = vr

b) v = i/r

c) v = ir

d) r= iv

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	88/200
Unattempted Questions	112/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 54

Question 104 of 200

Ohm's law is valid when the temperature of conductor is :

a) Very low

b) Very high

c) Varying

d) Constant

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 89/200

Unattempted Questions 111/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 53

Question 105 of 200

The specific resistance of a conductor increases with:

a) Increase in temperature

b) Increase in cross-sectional area

c) Decrease in length

d) Decrease in cross-sectional area

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	90/200
Unattempted Questions	110/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 49

Question 106 of 200

When two magnets come closer such that same poles face each other than field lines:

a) Intersect

b) Repel

c) Come closer

d) Nothing will happen

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 91/200

Unattempted Questions 109/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 46

Question 107 of 200

When two positive charge particles moves towards each other in opposite direction:

a) Repulsion occurs

b) Attraction occurs

c) Nothing will happen

d) Charge will be neutralized

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 92/200

Unattempted Questions 108/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 44

Question 108 of 200

When two positive and negative particles are moving opposite to each other in uniform magnetic field:

a) Deflection occurs

b) Attraction occurs

c) Repulsion occurs

d) Nothing will happen

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	93/200
Unattempted Questions	107/200	Flagged Questions	0/200

PHYSICS

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Remaining Time 02 : 56 : 42

Question 109 of 200

The induced emf will oppose the flux producing it is according to:

a) Gravitational law

b) Coulomb law

c) Newton's law

d) Lenze's law

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 94/200

Unattempted Questions 106/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 41

Question 110 of 200

The Lenz's law is used to find out the direction of induced voltage in Editor Plus

a) Current induced in circuit

b) Potential energy

c) Magnetic field

d) Force

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 95/200

Unattempted Questions 105/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 39

Question 111 of 200

Transformers works provable video Editor Plus

a) Electromagnetic induction

b) Coulombs law

c) Gauss's law

d) Ampere's law

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 96/200

Unattempted Questions 104/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 36

Question 112 of 200

Transformer can convert _____

a) Low DC voltage

b) High DC voltage

c) Battery voltage

d) AC voltage

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	97/200
Unattempted Questions	103/200	Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 35

Question 113 of 200

Eddy currents flow in:

a) Open loops

b) Closed loops

c) Straight lines

d) Vertical loops

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 98/200

Unattempted Questions 102/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 34

Question 114 of 200

Ripple factor of half wave rectifier is:

a) 1.21

b) 0.8

c) 0.6

d) 0.4

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 99/200

Unattempted Questions 101/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 32

Question 115 of 200

Planck constant is named after:

a) Einstein

b) Newton

c) Maxwell

d) Max planck

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 100/200

Unattempted Questions 100/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 29

Question 116 of 200

Photocell is based on

a) Photoelectric effect

b) Compton effect

c) Photoluminescence

d) Pair production

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 101/200

Unattempted Questions 99/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 28

Question 117 of 200

A beam of electrons can be:

a) Reflected

b) Refracted

c) Reflected and refracted

d) Polarized

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	102/200
Unattempted Questions	98/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 26

Question 118 of 200

Spectral lines is like a _____ of absorbed or emission energy in a spectrum:

a) Charged Pattern

b) Fingerprint Pattern

c) Discharged Pattern

d) Scattered Pattern

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions	0/200
Skipped Questions	103/200
Unattempted Questions	97/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 25

Question 119 of 200

The black body always _____ radiations:

a) Emit

b) Absorb

c) Both Emit And Absorb

d) Reflects

< Previous

Skip >

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Attempted Questions	0/200
Skipped Questions	104/200
Unattempted Questions	96/200
Flagged Questions	0/200

PHYSICS

Remaining Time 02 : 56 : 23

Question 120 of 200

How many up quarks in proton:

a) 1

b) 2

c) 3

d) 4

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 105/200

Unattempted Questions 95/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 21

Question 121 of 200

Which particle is discharged in Movavi Video Editor Plus

a) Electron

b) Proton

c) Neutron

d) Positron

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 106/200

Unattempted Questions 94/200

Flagged Questions 0/200

PHYSICS

Remaining Time 02 : 56 : 19

Question 122 of 200

The electron is accelerated in Videoscopes to provide:

a) X rays

b) Beta rays

c) High resolution images

d) Gamma rays

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 107/200

Unattempted Questions 93/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 56 : 18

Question 123 of 200

The number of moles in 1.0 g of C6H12O6 are:

a) 6.022×10^{22}

b) 6.022×10^{23}

c) 3.011×10^{22}

d) 3.011×10^{23}

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	108/200
Unattempted Questions	92/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 02 : 56 : 16

Question 124 of 200

In a perticular chemical reaction the actual yield was 70gm, while that of its theoretical yield is 100 gm. The pecentage yield of the said reation is:

a) 100%

b) 70%

c) 40%

d) 20%

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Previous Skip

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Attempted Questions	0/200	Skipped Questions	109/200
Unattempted Questions	91/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 56 : 15

Question 125 of 200

In the process of iron rusting, which of the following is limiting reactant?

a) Iron

b) Oxygen

c) Air

d) Water

Previous

Skip

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Attempted Questions 0/200	Skipped Questions 110/200
Unattempted Questions 90/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 56 : 13

Question 126 of 200

Which of the following doesnot have complete octet?

a) O^{2-}

b) N^{5+}

c) Ca^{2+}

d) K^{+}

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 111/200

Unattempted Questions 89/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 56 : 12

Question 127 of 200

The value of Azimuthal quantum number (l) depends upon:

a) n

b) m

c) s

d) p

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 112/200

Unattempted Questions 88/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 56 : 10

Question 128 of 200

In the discharge tube positive rays developed in which direction?

a) Towards anode

b) Towards cathode

c) Move randomly

d) Move towards vacuum in the tube

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 113/200

Unattempted Questions 87/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 56 : 08

Question 129 of 200

What is the shape of s-orbitals?

a) Lobed

b) Spherical

c) Dumbell

d) Sausage

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	114/200
Unattempted Questions	86/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 02 : 56 : 06

Question 130 of 200

According to kinetic theory, which of the following statements is/are correct? a. Gases consist of particles (atoms or molecules)in continuous random motion. b. Collisions between particles are elastic. c. The volume occupied by particles is negligibly small d. Attractive forces between particles are significant at room temerature and pressure.

a) a and b

b) a, b and c

c) b and c

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 115/200

Unattempted Questions 85/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 56 : 05

Question 131 of 200

1 atm is equal to the following EXCEPT:

a) 760 mm of Hg

b) 76 cm of Hg

c) 760 torr

d) 1.47 psi

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	116/200
Unattempted Questions	84/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 56 : 03

Question 132 of 200

The temperature at which volume of all the ideal gases becomes zero is:

a) 0 K

b) 0 C°

c) 0 F°

d) 32 F°

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	117/200
Unattempted Questions	83/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 56 : 01

Question 133 of 200

Which of the following substances has the largest intermolecular forces of attraction ?

a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	118/200
Unattempted Questions	82/200	Flagged Questions	0/200

CHEMISTRY

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Remaining Time 02 : 56 : 00

Question 134 of 200

Which of the following substances has the largest intermolecular forces of attraction ?

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a) H_2O

b) H_2S

c) H_2Se

d) H_2Te

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 119/200

Unattempted Questions 81/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 59

Question 135 of 200

Which of the following solids shows the phenomenon of isomorphism ?

a) Molecular solids

b) Covalent solids

c) Ionic solids

d) Metallic solids

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 120/200

Unattempted Questions 80/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 55

Question 136 of 200

Who proposed valence bond theory for metals?

a) Loren

b) Drudge

c) L.Pauling

d) Maxwell

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 121/200

Unattempted Questions 79/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 55

Question 137 of 200

Ksp (Solubility product) depends upon:

a) pressure

b) Concentration

c) Temperature

d) Volume

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 122/200

Unattempted Questions 78/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 53

Question 138 of 200

Nitrogen and Hydrogen present in Equilibrium Mixture in Haber Process remain in

a) Solid state

b) Liquid state

c) Gaseous state

d) Mixture of solid and gas

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	123/200
Unattempted Questions	77/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 51

Question 139 of 200

Upon passing Hydrogen chloride gas through a brine solution, which of the following is observed?

a) Concentration of $NaCl_{(aq)}$ decreases

b) Crystalization of NaCl takes place.

c) Concentraion of Na^+ ion increases

d) concentrtion of Cl^- ion decreases

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 124/200

Unattempted Questions 76/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 49

Question 140 of 200

At ordinary temperature only few molecules possess energy equal to

a) Kinetic Energy

b) Potential Energy

c) Activation energy

d) Ionization Energy

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 125/200

Unattempted Questions 75/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 47

Question 141 of 200

The slowest reaction among these is:

a) Neutralization

b) Double Decomposition Reactions

c) Ionic Reactions

d) Hydrogenation Reaction

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	126/200
Unattempted Questions	74/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 46

Question 142 of 200

Born Haber cycle is used to determine:

a) Enthalpy of lattice

b) Enthalpy of formation

c) Enthalpy of neutralization

d) Enthalpy of solution

Previous

Skip

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PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	127/200
Unattempted Questions	73/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 45

Question 143 of 200

Which of the following law is an application of first law of thermodynamics?

a) Hess's law

b) Dalton's law

c) Moseley's Law

d) Avogadro's law

< Previous

Skip >

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Attempted Questions	0/200
Skipped Questions	128/200
Unattempted Questions	72/200
Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 43

Question 144 of 200

Cu,Au and Ag are least reactive, because they have _____?

a) Negative reduction potential

b) Negative oxidation potential

c) Positive reduction potential

d) Negative electrode potential

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 129/200

Unattempted Questions 71/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 42

Question 145 of 200

The element has highest reduction potential in electrochemical series is:

a) Zinc

b) Fluorine

c) Oxygen

d) Lithium

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	130/200
Unattempted Questions	70/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 41

Question 146 of 200

The requirement for bond formation in HF can be met by

a) 2 orbitals & 1 electron

b) 2 orbital & 2 electron

c) 1 orbital & 1 electron

d) 1 orbital & 2 electron

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 131/200

Unattempted Questions 69/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 40

Question 147 of 200

Covalent radius is defined as half of the single bond length between ____ atoms covalently bonded in a molecule.

a) Two Different

b) Two Simultaneous

c) Any Two

d) Two Similar

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	132/200
Unattempted Questions	68/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 38

Question 148 of 200

When repulsive force tend to push the atoms apart and the potential energy of the system is _____.

a) No Effect

b) Decrease

c) Increase

d) Change in alternation

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 133/200

Unattempted Questions 67/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 35

Question 149 of 200

The Halide of aluminum is _____?

a) Electron deficient

b) Lewis acid

c) High melting point

d) High boiling point

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 134/200

Unattempted Questions 66/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 35

Question 150 of 200

Among alkali metals which of the following property is high for Li?

a) Hydration energy

b) Ionic radius

c) Electropositivity

d) Atomic size

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 135/200

Unattempted Questions 65/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 33

Question 151 of 200

Among alkaline earth metals the one which shows the least chemical reactivity is:

a) Be

b) Ca

c) Mg

d) Ba

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 136/200

Unattempted Questions 64/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 32

Question 152 of 200

Alkali metal oxides dissolve in water to give:

a) Alkaline solution

b) Neutral solution

c) Acidic solution

d) Buffer solution

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 137/200

Unattempted Questions 63/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 31

Question 153 of 200

Electrons flow from.....

a) Anode to cathode

b) Cathode to anode

c) Don't flow

d) In either directions

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	138/200
Unattempted Questions	62/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 30

Question 154 of 200

A galvanic cell is setup

a) When a less reactive metal contacts a more reactive metal via an electrolyte

b) When two reactive metals contact via an electrolyte

c) When two reactive metals are placed in any solution

d) When two metals come in direct contact

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 139/200

Unattempted Questions 61/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 28

Question 155 of 200

The breaking of large molecules by heating at high temperature and pressure is called:

a) Reforming

b) Steam cracking

c) Catalytic cracking

d) Thermal cracking

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 140/200

Unattempted Questions 60/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 25

Question 156 of 200

Which of the following has anti knocking properties?

a) $(CH_3CH_2)_4Sn$

b) $(CH_3CH_2)_4Pb$

c) $(CH_3CH_2)_4Ge$

d) $(CH_3CH_2)_4Si$

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 141/200

Unattempted Questions 59/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 24

Question 157 of 200

Which of the following fraction of petroleum has lowest boiling point at STP.

a) Kerosine oil

b) Lubricating oil

c) Gasoline

d) Natureal gas

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	142/200
Unattempted Questions	58/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 23

Question 158 of 200

Benzene is less reactive than is corresponding alkene due to:

a) More Unsaturation

b) More Saturation

c) Less electronegativity difference between C and H-atom

d) Delocalization of pi electrons

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	143/200
Unattempted Questions	57/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 21

Question 159 of 200

What is the structure of benzene?

a) Regular, flat planar hexagon

b) Regular, 3D hexagon

c) Regular, flat planar octagon

d) Regular, planar pentagon

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 144/200

Unattempted Questions 56/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 20

Question 160 of 200

The less reactivity of benzene is due to:

a) Sigma bond

b) Delocalization of pi electrons

c) Less electronegativity of C atom

d) Hexagonal structure

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 145/200

Unattempted Questions 55/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 18

Question 151 of 200

What is the [illegible] Friedel-Crafts Alkylation?

a) $AlCl_3$

b) Al_2S_3

c) AlH_3

d) Al_2O_3

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 146/200

Unattempted Questions 54/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 16

Question 162 of 200

In terminat[illegible] p MovavideoEditorPlus

a) Another free radical

b) A molecule

c) A molecular ion

d) A cation

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 147/200

Unattempted Questions 53/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 15

Question 163 of 200

The correct name of CH_2Cl_2 is:

a) Methyl chloride

b) Methylene chloride

c) Chloroform

d) Carbonyl chloride

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	148/200
Unattempted Questions	52/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 14

Question 164 of 200

Which one of the following is a strong Nucleophile?

a) Cl-

b) Br-

c) OH-

d) HSO4-

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 149/200

Unattempted Questions 51/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 12

Question 165 of 200

2-chlorobutane belongs to:

a) Primary Alkyl halides

b) Secondary Alkyl Halides

c) Tertiary Alkyl Halides

d) Quarternary Alkyl halides

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	150/200
Unattempted Questions	50/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 55 : 11

Question 166 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 151/200

Unattempted Questions 49/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 10

Question 167 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 152/200

Unattempted Questions 48/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 55 : 08

Question 168 of 200

Which of the following reactions are given by alcohol and phenol both?

a) Esterification

b) Nitrosation

c) Amide formation

d) Lucas Reaction

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 24/200

Unattempted Questions 176/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 58 : 42

Question 169 of 200

Idoform test is used to check the presence of

a) Amines

b) Carbonyl compounds

c) Carboxylic acid

d) Alkyl halides

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200	Skipped Questions 25/200
Unattempted Questions 175/200	Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 58 : 40

Question 170 of 200

Acetone is less reactive than acetaldehyde due to:

a) More Steric hindrance offered by its methyl groups.

b) Electron withdrawing nature of its methyl groups.

c) Its Carbonyl carbon is sp^2 hybridized.

d) Oxygen of carbonyl group is more electronegative than carbon atom.

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 26/200

Unattempted Questions 174/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 58 : 39

Question 171 of 200

Formaldehyde reacts with which one of the following to give primary alcohols

a) Fehling's reagant

b) Benedict's Reagant

c) Grignard's reagant

d) Millon's reagant

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	27/200
Unattempted Questions	173/200	Flagged Questions	0/200

CHEMISTRY

Remaining Time 02 : 58 : 37

Question 172 of 200

Complete the following reaction: $CH_3COOC_2H_5 + H_2O$ —>.

a) Both HOC_2H_5 and CH_3CO_2H

b) Both $HOCH_3$ and CH_3CO_2H

c) HOC_2H_5 Only

d) CH_3CO_2H Only

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 28/200

Unattempted Questions 172/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 58 : 35

Question 173 of 200

The aliphatic monovalent radicals obtained from:

a) fats and oils

b) proteins and oils

c) fats and proteins

d) fats only

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 29/200

Unattempted Questions 171/200

Flagged Questions 0/200

CHEMISTRY

Remaining Time 02 : 58 : 34

Question 174 of 200

Acetic acid is isolated from

a) Ants

b) Butter

c) Milk

d) Vinegar

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< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	30/200
Unattempted Questions	170/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 02 : 58 : 32

Question 175 of 200

A solid compound exists in more than one crystalline form, this phenomenon is called:

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a) Allotropy

b) Isomorphism

c) Polymorphism

d) Isomerism

Previous

Skip

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Attempted Questions	0/200	Skipped Questions	31/200
Unattempted Questions	169/200	Flagged Questions	0/200

CHEMISTRY

AM APKA MEDICO

Remaining Time 02 : 58 : 30

Question 176 of 200

Which of the following is not true about Polymorphs?

a) Have same chemical properties

b) Interconvertible

c) Have same formula unit

d) Have different formula unit

Previous Skip

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Attempted Questions 0/200

Skipped Questions 32/200

Unattempted Questions 168/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 29

Question 177 of 200

Ali sent his mother a _____ of flowers for her birthday.

a) bar

b) bouquet

c) pack

d) packet

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 33/200

Unattempted Questions 167/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 28

Question 178 of 200

Can you please _____ your name at the bottom of the contract?

a) cross

b) answer

c) sign

d) lay

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	34/200
Unattempted Questions	166/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 02 : 58 : 27

Question 179 of 200

The _____ climbed up the tree and hid inside the branches.

a) deer

b) rabbit

c) squirrel

d) tortoise

Previous Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 35/200

Unattempted Questions 165/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 25

Question 180 of 200

We will go to Dubai. Which tense is used here?

a) Present

b) Past

c) Future

d) Past Perfect

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 36/200

Unattempted Questions 164/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 24

Question 181 of 200

Which one is the correct tense?

a) They are going to the market.

b) I will play football.

c) We watched a movie yesterday.

d) He has done his work.

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 37/200

Unattempted Questions 163/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 22

Question 182 of 200

Which one is correct?

a) I will go to the market.

b) I will gone to the market.

c) I will went to market.

d) I will have go to market.

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 38/200

Unattempted Questions 162/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 21

Question 183 of 200

The market [illegible] to them in Video Editor Plus

a) we

b) ourself

c) us

d) ourselves

< Previous

Skip >

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Attempted Questions 0/200

Skipped Questions 39/200

Unattempted Questions 161/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 20

Question 184 of 200

Find the correctly spelt word

a) Sovereign

b) Soveregn

c) Soverean

d) Soverein

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 40/200

Unattempted Questions 160/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 19

Question 185 of 200

Choose the word wrongly spelt.

a) Semester

b) Senesent

c) Sensory

d) Salacious

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	41/200
Unattempted Questions	159/200	Flagged Questions	0/200

ENGLISH

Remaining Time 02 : 58 : 17

Question 186 of 200

I _____ to learn a lot of new words within one month.

a) am going

b) will

c) about

d) can be

Previous

Skip

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 42/200

Unattempted Questions 158/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 16

Question 187 of 200

I woke up _____ five o'clock _____ the morning.

a) for... in

b) at.. in

c) in... at

d) at... for

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 43/200

Unattempted Questions 157/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 14

Question 188 of 200

The weather [illegible] warm here the spring

a) above

b) around

c) in

d) on

< Previous

Skip >

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 44/200

Unattempted Questions 156/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 12

Question 189 of 200

Choose the correct spelling of the word

a) Exhebition

b) Exhibition

c) Exhabation

d) Exehation

< Previous

Skip >

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PMC EXAMS

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Attempted Questions 0/200

Skipped Questions 45/200

Unattempted Questions 155/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 09

Question 190 of 200

Choose the correct spelling of the word.

a) Brucracy

b) Beaurocricy

c) Bureaucracy

d) Bueraucracy

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 46/200

Unattempted Questions 154/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 08

Question 191 of 200

Choose the correct spelling of the word

a) Bilding

b) Building

c) Building

d) Bulding

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 47/200

Unattempted Questions 153/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 07

Question 192 of 200

Which one is correct?

a) Whatever my father wanted me see was on top of the highest point of my farm.

b) Whatever my father wanted me to see was on top of the highest point of my farm.

c) Whatever my father want me to see was on top of the highest point of my farm.

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	48/200
Unattempted Questions	152/200	Flagged Questions	0/200

ENGLISH

AM APKA MEDICO

Remaining Time 02 : 58 : 06

Question 193 of 200

Which one is correct?

a) The book that we needed to finish ours research was missing from the library.

b) The book that we need to finish our research was missing from the library.

c) The book that we needed to finish our research was missing from the library.

Previous Skip

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PMC PRACTICE TEST 5

Attempted Questions 0/200

Skipped Questions 49/200

Unattempted Questions 151/200

Flagged Questions 0/200

ENGLISH

Remaining Time 02 : 58 : 05

Question 194 of 200

Which one is correct?

a) I set out a breakfast of yogurt and cereal on the kitchen table to my family.

b) I set out a breakfast of yogurt and cereal on the kitchen table from my family.

c) I set up a breakfast of yogurt and cereal on the kitchen table for my family.

< Previous

Skip >

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Attempted Questions	0/200	Skipped Questions	50/200
Unattempted Questions	150/200	Flagged Questions	0/200

LOGICAL REASONING

APKA MEDICO

Remaining Time 02 : 58 : 03

Question 195 of 200

I. There has been opposition by the protestors over the government's decision of removal of subsidy on fertilizers. II. The government has decided to remove subsidy on some of the items to bring reform to the economy.

a) Statement I is the cause and statement II is its effect.

b) Statement II is the cause and statement I is its effect.

c) Both statements I and II are independent causes

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	51/200
Unattempted Questions	149/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 02 : 58 : 00

Question 196 of 200

Statement: There was a spurt in criminal activities in the city during the recent festival season.

Courses of Action: I. The police should immediately investigate into the causes of this increase. II. In the future the police should take adequate precautions to avoid the recurrence of such situation during festivals. III. The known criminals should be arrested before any such season.

a) Only I and II follow.

b) Only II follows

Previous

Skip

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Attempted Questions	0/200	Skipped Questions	53/200
Unattempted Questions	147/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 02 : 57 : 57

Question 198 of 200

Pick the word which is always associated with: Electrical Energy.

a) Light

b) Cars

c) Power

d) Water

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	53/200
Unattempted Questions	147/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 02 : 57 : 57

Question 198 of 200

Pick the word which is always associated with: Electrical Energy.

a) Light

b) Cars

c) Power

d) Water

Previous

Skip

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	54/200
Unattempted Questions	146/200	Flagged Questions	0/200

LOGICAL REASONING

AM APKA MEDICO

Remaining Time 02 : 57 : 56

Question 199 of 200

Daniyal has been visiting friends in his flat for the past two weeks. He is leaving tomorrow morning and his flight is very early. Most of his friends live fairly close to the airport. Usman lives ten miles away. Farhan lives five miles away, Numan, seven miles. Ali is farther away than Farhan, but closer than Numan.

Approximately how far away from the airport is Ali?

a) Nine miles

b) Seven miles

< Previous

Skip >

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PMC EXAMS

PMC PRACTICE TEST 5

Attempted Questions	0/200	Skipped Questions	55/200
Unattempted Questions	145/200	Flagged Questions	0/200

LOGICAL REASONING

Remaining Time 02 : 57 : 54

Question 200 of 200

A boy walks 30 meters in the north direction after that he takes a right turn and walks 40 meters. After that, he takes another right turn and walks 40 meters more, and finally, he took a right turn and stops after walking 40 meters.

Find the distance of The boy from the initial position.

a) 5 m

b) 10 m

c) 15 m

< Previous

Skip >

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